



Customer-Focused Solutions

December 29, 2004

TRC
1590 Solano Way Suite A
Concord, CA 94520

ATTN: MR. ROGER BATRA

SITE: 76 STATION 5830
2799 YULUPA AVENUE
SANTA ROSA, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
JULY THROUGH DECEMBER 2004

This Semi-Annual Monitoring Report for 76 Station 5830 is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by **January 5, 2005**, this report will be distributed to the following:

Mr. Jim Tischler, RWQCB – North Coast Region
Ms. Deborah A. Downs, Carrington & Coddling

Please send all comments to me at cherrera@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7345.

Sincerely,

TRC

Christina Carrillo
QMS Technical Writer

TRC

Customer-Focused Solutions

December 29, 2004

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 5830
2799 YULUPA AVENUE
SANTA ROSA, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
JULY THROUGH DECEMBER 2004

Dear Mr. Kosel:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5830, located at 2799 Yulupa Avenue, Santa Rosa, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC



Anju Farfan
QMS Operations Manager

CC: Mr. Jim Tischler, RWQCB – North Coast Region
Ms. Deborah A. Downs, Carrington & Coddling
Mr. Roger Batra, TRC

Enclosures
20-0400/5830R03.QMS



Customer-Focused Solutions

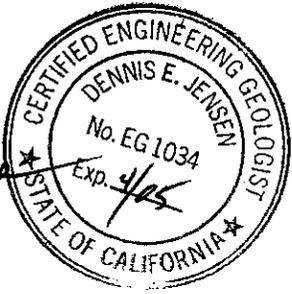
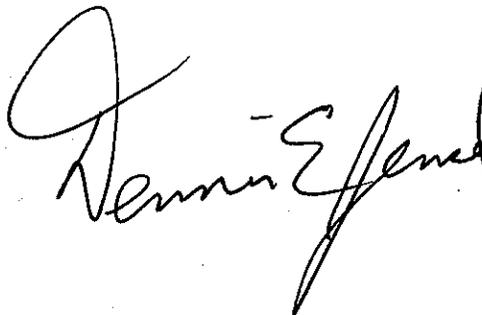
**SEMI-ANNUAL MONITORING REPORT
JULY THROUGH DECEMBER 2004**

76 STATION 5830
2799 Yulupa Avenue
Santa Rosa, California

Prepared For:

Mr. Thomas H. Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations
December 22, 2004

LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time MTBE 8260B vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statement	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2004 through March 2004
76 Station 5830
2799 Yulupa Avenue
Santa Rosa, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**

Water Sampling Contractor: **TRC**
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **11/12/04**

Sample Points

Groundwater wells: **6** onsite, **5** offsite Wells gauged: **10** Wells sampled: **5**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **7.23 feet** Maximum: **11.17 feet**
Average groundwater elevation (relative to available local datum): **232.57 feet**
Average change in groundwater elevation since previous event: **-0.37 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.01 ft/ft, north**
 Previous event: **0.01 ft/ft, north (05/12/04)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
 Maximum reported benzene concentration: **n/a**

Wells with **TPPH 8260B** **1** Maximum: **69 µg/l (MW-7)**
Wells with **MTBE** **4** Maximum: **71 µg/l (MW-7)**

Notes:

MW-1=Sampled Semi Annually, MW-3=car parked on well, MW-4=Sampled Semi-Annually, MW-5=Sampled Semi-Annually, MW-6=Sampled Semi Annually, MW-8=Sampled Semi Annually,

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$, where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.
9. Historical data has been validated for this report. Values presented in the following tables supercede those from previous reports.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5830 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

November 12, 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
11/12/04	243.56	9.30	0.00	234.26	0.05	--	--	--	--	--	--	--	--	Sampled Semi Annually
MW-2														
11/12/04	242.00	8.20	0.00	233.80	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
MW-3														
11/12/04	242.46	--	--	--	--	--	--	--	--	--	--	--	--	car parked on well
MW-4														
11/12/04	243.23	11.17	0.00	232.06	-0.47	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-5														
11/12/04	243.62	11.04	0.00	232.58	-0.42	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-6														
11/12/04	242.72	10.77	0.00	231.95	-0.35	--	--	--	--	--	--	--	--	Sampled Semi Annually
MW-7														
11/12/04	241.57	9.23	0.00	232.34	-0.40	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	71	
MW-8														
11/12/04	241.27	7.23	0.00	234.04	-0.48	--	--	--	--	--	--	--	--	Sampled Semi Annually
MW-9														
11/12/04	240.92	9.72	0.00	231.20	-0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.54	
MW-10														
11/12/04	240.87	10.57	0.00	230.30	-0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	
MW-11														
11/12/04	241.13	7.94	0.00	233.19	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.91	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
10/07/88	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
12/20/88	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
03/21/89	--	--	0.00	--	--	270	--	ND	ND	ND	37	--	--	
06/16/89	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/89	--	--	0.00	--	--	540	--	ND	ND	18	47	--	--	
12/13/89	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	0.00	--	--	280	--	1.2	2.3	12	23	--	--	
06/12/90	--	--	0.00	--	--	52	--	ND	ND	2.2	4.1	--	--	
09/26/90	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	0.00	--	--	220	--	1.3	ND	9.7	18	--	--	
07/03/91	--	--	0.00	--	--	180	--	ND	ND	4.2	11	--	--	
10/09/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	0.00	--	--	140	--	0.41	ND	7.5	18	--	--	
08/13/92	--	--	0.00	--	--	ND	--	ND	ND	1.4	2.3	--	--	
02/25/93	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	244.14	9.15	0.00	234.99	--	--	--	--	--	--	--	--	--	
08/25/93	244.14	9.89	0.00	234.25	-0.74	120	--	ND	ND	3.3	4.6	--	--	
11/07/93	243.48	9.57	0.00	233.91	-0.34	--	--	--	--	--	--	--	--	
02/23/94	243.48	7.59	0.00	235.89	1.98	ND	--	ND	ND	1.3	1.7	--	--	
05/25/94	243.48	8.77	0.00	234.71	-1.18	--	--	--	--	--	--	--	--	
08/22/94	243.48	9.75	0.00	233.73	-0.98	70	--	ND	ND	1.8	2	--	--	
11/22/94	243.48	8.77	0.00	234.71	0.98	--	--	--	--	--	--	--	--	
02/24/95	243.48	6.98	0.00	236.50	1.79	120	--	0.5	ND	2.8	29	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
05/22/95	243.48	7.55	0.00	235.93	-0.57	--	--	--	--	--	--	--	--	
08/28/95	243.48	8.46	0.00	235.02	-0.91	ND	--	ND	1.3	ND	1.5	--	--	
11/09/95	243.48	9.60	0.00	233.88	-1.14	--	--	--	--	--	--	--	--	
02/08/96	243.48	6.38	0.00	237.10	3.22	140	--	0.63	ND	3.8	4.2	--	--	
05/17/96	243.48	7.65	0.00	235.83	-1.27	--	--	--	--	--	--	--	--	
08/29/96	243.48	9.27	0.00	234.21	-1.62	ND	--	ND	ND	ND	ND	--	--	
11/27/96	243.48	8.81	0.00	234.67	0.46	--	--	--	--	--	--	--	--	
02/28/97	243.48	8.01	0.00	235.47	0.80	ND	--	ND	ND	0.68	0.55	ND	--	
06/24/97	243.48	9.08	0.00	234.40	-1.07	--	--	--	--	--	--	--	--	
08/20/97	243.48	9.70	0.00	233.78	-0.62	ND	--	ND	ND	ND	ND	--	--	
11/21/97	243.48	8.44	0.00	235.04	1.26	--	--	--	--	--	--	--	--	
02/07/98	243.48	6.61	0.00	236.87	1.83	ND	--	ND	ND	ND	ND	--	--	
05/04/98	243.48	6.92	0.00	236.56	-0.31	--	--	--	--	--	--	--	--	
07/27/98	243.48	8.24	0.00	235.24	-1.32	ND	--	ND	ND	ND	ND	--	--	
11/02/98	243.48	9.35	0.00	234.13	-1.11	--	--	--	--	--	--	--	--	
02/13/99	243.48	6.93	0.00	236.55	2.42	ND	--	ND	ND	ND	ND	--	--	
05/04/99	243.48	7.81	0.00	235.67	-0.88	--	--	--	--	--	--	--	--	
08/06/99	243.48	8.97	0.00	234.51	-1.16	ND	--	ND	ND	ND	ND	--	--	
11/19/99	243.48	9.56	0.00	233.92	-0.59	--	--	--	--	--	--	--	--	
02/12/00	243.48	6.89	0.00	236.59	2.67	ND	--	ND	ND	ND	ND	--	--	
05/06/00	243.48	8.86	0.00	234.62	-1.97	--	--	--	--	--	--	--	--	
08/04/00	243.48	9.26	0.00	234.22	-0.40	ND	--	ND	ND	ND	ND	--	--	
11/14/00	243.48	9.66	0.00	233.82	-0.40	--	--	--	--	--	--	--	--	
02/16/01	243.48	8.92	0.00	234.56	0.74	ND	--	ND	ND	ND	ND	ND	ND	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
05/04/01	243.48	9.35	0.00	234.13	--	--	--	--	--	--	--	--	--	--
08/01/01	243.48	10.42	0.00	233.06	-1.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
11/10/01	243.48	10.82	0.00	232.66	-0.40	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	243.48	8.35	0.00	235.13	2.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
05/02/02	243.48	9.18	0.00	234.30	-0.83	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	243.56	9.76	0.00	233.80	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--
11/20/02	243.56	9.63	0.00	233.93	0.13	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	243.56	8.87	0.00	234.69	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
05/29/03	243.56	9.03	0.00	234.53	-0.16	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.56	9.84	0.00	233.72	-0.81	81	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--
11/07/03	243.56	10.63	0.00	232.93	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--
05/12/04	243.56	9.35	0.00	234.21	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--
11/12/04	243.56	9.30	0.00	234.26	0.05	--	--	--	--	--	--	--	--	Sampled Semi Annually
MW-2														
06/15/88	--	--	--	--	--	470	--	4.2	4	2.4	3.8	--	--	--
10/07/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
12/20/88	--	--	--	--	--	200	--	1.2	ND	ND	ND	--	--	--
03/21/89	--	--	--	--	--	380	--	ND	1	ND	ND	--	--	--
06/16/89	--	--	--	--	--	150	--	1.2	ND	0.94	ND	--	--	--
09/26/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
12/13/89	--	--	--	--	--	100	--	0.93	ND	0.84	1.6	--	--	--
03/14/90	--	--	--	--	--	210	--	47	4.7	0.96	2.7	--	--	--
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
04/19/91	--	--	--	--	--	160	--	0.37	ND	0.36	0.85	--	--	--
07/03/91	--	--	--	--	--	78	--	ND	ND	2.4	9.5	--	--	--
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
02/14/92	--	--	--	--	--	87	--	2.2	ND	0.72	2.2	--	--	--
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
02/25/93	--	--	--	--	--	9300	--	ND	ND	ND	ND	--	--	--
03/26/93	--	--	--	--	--	8400	--	ND	ND	ND	ND	13000	--	--
05/25/93	242.49	7.70	0.00	234.79	--	3600	--	ND	ND	ND	ND	7800	--	--
08/25/93	242.49	8.18	0.00	234.31	-0.48	1600	--	ND	ND	ND	ND	--	--	--
11/07/93	241.95	7.79	0.00	234.16	-0.15	1700	--	ND	ND	ND	ND	--	--	--
02/23/94	241.95	6.10	0.00	235.85	1.69	900	--	ND	ND	ND	ND	--	--	--
05/25/94	241.95	7.07	0.00	234.88	-0.97	ND	--	ND	ND	ND	ND	--	--	--
08/22/94	241.95	8.04	0.00	233.91	-0.97	820	--	ND	ND	ND	ND	--	--	--
11/22/94	241.95	7.08	0.00	234.87	0.96	1600	--	ND	ND	56	83	--	--	--
02/24/95	241.95	5.53	0.00	236.42	1.55	1000	--	ND	ND	ND	2.5	--	--	--
05/22/95	241.95	6.00	0.00	235.95	-0.47	560	--	ND	ND	ND	3.7	--	--	--
08/28/95	241.95	7.14	0.00	234.81	-1.14	ND	--	0.79	1.2	ND	1.7	--	--	--
11/09/95	241.95	8.03	0.00	233.92	-0.89	ND	--	ND	ND	ND	ND	2100	--	--
02/08/96	241.95	5.02	0.00	236.93	3.01	ND	--	0.51	0.94	ND	1.2	--	--	--
05/17/96	241.95	6.01	0.00	235.94	-0.99	ND	--	ND	ND	ND	ND	--	--	--
08/29/96	241.95	7.64	0.00	234.31	-1.63	ND	--	ND	2.9	ND	ND	--	--	--
11/27/96	241.95	7.27	0.00	234.68	0.37	ND	--	ND	ND	ND	ND	3800	--	--
02/28/97	241.95	6.34	0.00	235.61	0.93	ND	--	ND	ND	ND	ND	14000	--	--

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
06/24/97	241.95	7.46	0.00	234.49	-1.12	ND	--	ND	ND	ND	ND	ND	--	
08/20/97	241.95	7.75	0.00	234.20	-0.29	ND	--	ND	ND	ND	ND	750	--	
11/21/97	241.95	7.15	0.00	234.80	0.60	ND	--	ND	ND	ND	ND	570	--	
02/07/98	241.95	5.48	0.00	236.47	1.67	ND	--	ND	ND	ND	ND	1500	--	
05/04/98	241.95	5.50	0.00	236.45	-0.02	ND	--	ND	ND	ND	ND	>11100	--	
07/27/98	241.95	6.72	0.00	235.23	-1.22	ND	--	ND	ND	ND	ND	740	1200	
11/02/98	241.95	7.75	0.00	234.20	-1.03	ND	--	ND	ND	ND	ND	207	220	
02/13/99	241.95	5.45	0.00	236.50	2.30	130	--	16	16	3.8	27	940	780	
05/04/99	241.95	6.20	0.00	235.75	-0.75	480	--	78	17	36	77	2000	2500	
08/06/99	241.95	7.31	0.00	234.64	-1.11	230	--	11	ND	31	ND	430	250	
11/19/99	241.95	7.75	0.00	234.20	-0.44	ND	--	1	ND	ND	0.77	420	390	
02/12/00	241.95	5.35	0.00	236.60	2.40	ND	--	1	ND	ND	ND	140	170	
05/06/00	241.95	6.40	0.00	235.55	-1.05	ND	--	2.6	ND	ND	ND	100	92	
08/04/00	241.95	7.71	0.00	234.24	-1.31	ND	--	ND	ND	ND	ND	240	210	
11/14/00	241.95	8.11	0.00	233.84	-0.40	ND	--	ND	ND	ND	ND	47	43	
02/16/01	241.95	7.09	0.00	234.86	1.02	ND	--	ND	ND	ND	ND	145	260	
05/04/01	241.95	7.51	0.00	234.44	--	ND	--	ND	ND	ND	ND	76.7	73	
08/01/01	241.95	8.87	0.00	233.08	-1.36	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	600	780	
11/10/01	241.95	9.25	0.00	232.70	-0.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	720	740	
02/01/02	241.95	6.64	0.00	235.31	2.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	23	25	
05/02/02	241.95	7.34	0.00	234.61	-0.70	ND<50	--	ND<0.50	0.75	ND<0.50	0.96	55	70	
07/23/02	242.00	8.00	0.00	234.00	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	15	
11/20/02	242.00	8.19	0.00	233.81	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	24	28	
02/27/03	242.00	6.68	0.00	235.32	1.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	18	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
05/29/03	242.00	6.85	0.00	235.15	-0.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2	3.1	
08/08/03	242.00	7.97	0.00	234.03	-1.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.8	
11/07/03	242.00	8.85	0.00	233.15	-0.88	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
05/12/04	242.00	7.41	0.00	234.59	1.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
11/12/04	242.00	8.20	0.00	233.80	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
MW-3														
10/07/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/20/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/21/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/16/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/89	--	--	--	--	--	190	--	ND	ND	ND	0.4	--	--	
12/13/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	0.39	0.38	ND	0.59	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/02/92	242.40	8.07	0.00	234.33	--	--	--	--	--	--	--	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.02	8.15	0.00	234.87	--	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
08/25/93	243.02	8.55	0.00	234.47	-0.40	ND	--	ND	ND	ND	ND	--	--	
11/07/93	242.40	8.27	0.00	234.13	-0.34	--	--	--	--	--	--	--	--	
02/23/94	242.40	6.58	0.00	235.82	1.69	ND	--	ND	ND	ND	ND	--	--	
05/25/94	242.40	7.51	0.00	234.89	-0.93	--	--	--	--	--	--	--	--	
08/22/94	242.40	8.52	0.00	233.88	-1.01	ND	--	ND	ND	ND	ND	--	--	
11/22/94	242.40	7.96	0.00	234.44	0.56	--	--	--	--	--	--	--	--	
02/24/95	242.40	6.21	0.00	236.19	1.75	70	--	0.53	ND	1.7	2.4	--	--	
05/22/95	242.40	6.35	0.00	236.05	-0.14	--	--	--	--	--	--	--	--	
08/28/95	242.40	7.43	0.00	234.97	-1.08	ND	--	ND	0.84	ND	1.2	--	--	
11/09/95	242.40	8.33	0.00	234.07	-0.90	--	--	--	--	--	--	--	--	
02/08/96	242.40	5.58	0.00	236.82	2.75	ND	--	ND	ND	ND	ND	--	--	
05/17/96	242.40	6.43	0.00	235.97	-0.85	--	--	--	--	--	--	--	--	
08/29/96	242.40	8.07	0.00	234.33	-1.64	ND	--	ND	6.8	ND	ND	--	--	
11/27/96	242.40	7.65	0.00	234.75	0.42	--	--	--	--	--	--	--	--	
02/28/97	242.40	6.78	0.00	235.62	0.87	ND	--	ND	ND	ND	ND	ND	--	
06/24/97	242.40	8.05	0.00	234.35	-1.27	--	--	--	--	--	--	--	--	
08/20/97	242.40	8.48	0.00	233.92	-0.43	ND	--	ND	ND	ND	ND	--	--	
11/21/97	242.40	7.85	0.00	234.55	0.63	--	--	--	--	--	--	--	--	
02/07/98	242.40	6.27	0.00	236.13	1.58	ND	--	ND	0.69	ND	0.61	--	--	
05/04/98	242.40	6.47	0.00	235.93	-0.20	--	--	--	--	--	--	--	--	
07/27/98	242.40	6.92	0.00	235.48	-0.45	ND	--	ND	ND	ND	ND	--	--	
02/13/99	242.40	5.71	0.00	236.69	--	ND	--	ND	ND	ND	ND	--	--	
05/04/99	242.40	6.55	0.00	235.85	-0.84	--	--	--	--	--	--	--	--	
08/06/99	242.40	7.53	0.00	234.87	-0.98	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through November 2004
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
11/19/99	242.40	8.38	0.00	234.02	-0.85	--	--	--	--	--	--	--	--	
02/12/00	242.40	5.71	0.00	236.69	2.67	ND	--	ND	ND	ND	ND	--	--	
05/06/00	242.40	6.65	0.00	235.75	-0.94	--	--	--	--	--	--	--	--	
08/04/00	242.40	7.87	0.00	234.53	-1.22	ND	--	ND	ND	ND	ND	--	--	
11/14/00	242.40	8.26	0.00	234.14	-0.39	--	--	--	--	--	--	--	--	
02/16/01	242.40	7.51	0.00	234.89	0.75	ND	--	ND	ND	ND	ND	--	ND	
05/04/01	242.40	8.00	0.00	234.40	--	--	--	--	--	--	--	--	--	
08/01/01	242.40	8.88	0.00	233.52	-0.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/10/01	242.40	9.16	0.00	233.24	-0.28	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	242.40	7.16	0.00	235.24	2.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/02/02	242.40	7.77	0.00	234.63	-0.61	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	242.46	8.18	0.00	234.28	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	242.46	8.07	0.00	234.39	0.11	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	242.46	7.31	0.00	235.15	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/29/03	242.46	7.51	0.00	234.95	-0.20	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	242.46	8.25	0.00	234.21	-0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	242.46	9.01	0.00	233.45	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	242.46	8.75	0.00	233.71	0.26	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	242.46	--	--	--	--	--	--	--	--	--	--	--	--	car parked on well
MW-4														
11/13/89	--	--	--	--	--	300	--	1.8	ND	2.4	8.8	--	--	
12/13/89	--	--	--	--	--	70	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	--	--	--	360	--	ND	ND	15	8.6	--	--	
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 June 1988 Through November 2004
 76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
04/19/91	--	--	--	--	--	45	--	ND	ND	1.4	2.2	--	--	--
07/03/91	--	--	--	--	--	130	--	0.47	ND	5.6	9.1	--	--	--
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
02/14/92	--	--	--	--	--	50	--	ND	ND	2.6	3.5	--	--	--
08/13/92	--	--	--	--	--	ND	--	ND	ND	0.8	0.78	--	--	--
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
05/25/93	243.47	9.72	0.00	233.75	--	--	--	--	--	--	--	--	--	--
08/25/93	243.47	10.61	0.00	232.86	-0.89	110	--	ND	ND	3.7	4.5	--	--	--
11/07/93	243.12	10.56	0.00	232.56	-0.30	--	--	--	--	--	--	--	--	--
02/23/94	243.12	8.50	0.00	234.62	2.06	96	--	ND	ND	3.8	6.9	--	--	--
05/25/94	243.12	9.85	0.00	233.27	-1.35	--	--	--	--	--	--	--	--	--
08/22/94	243.12	10.70	0.00	232.42	-0.85	ND	--	ND	ND	0.62	0.65	--	--	--
11/22/94	243.12	9.63	0.00	233.49	1.07	--	--	--	--	--	--	--	--	--
02/24/95	243.12	7.75	0.00	235.37	1.88	ND	--	ND	ND	ND	ND	--	--	--
05/22/95	243.12	8.48	0.00	234.64	-0.73	--	--	--	--	--	--	--	--	--
08/28/95	243.12	9.51	0.00	233.61	-1.03	ND	--	ND	1.4	0.9	1.9	--	--	--
11/09/95	243.12	10.50	0.00	232.62	-0.99	--	--	--	--	--	--	--	--	--
02/08/96	243.12	6.87	0.00	236.25	3.63	56	--	ND	ND	2.1	2.4	--	--	--
05/17/96	243.12	7.82	0.00	235.30	-0.95	--	--	--	--	--	--	--	--	--
08/29/96	243.12	10.22	0.00	232.90	-2.40	ND	--	ND	1.1	ND	ND	--	--	--
11/27/96	243.12	9.85	0.00	233.27	0.37	--	--	--	--	--	--	--	--	--
02/28/97	243.12	9.08	0.00	234.04	0.77	ND	--	ND	ND	0.87	ND	ND	ND	--

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
06/24/97	243.12	10.10	0.00	233.02	-1.02	--	--	--	--	--	--	--	--	--
08/20/97	243.12	10.84	0.00	232.28	-0.74	ND	--	ND	ND	ND	ND	--	--	--
11/21/97	243.12	9.45	0.00	233.67	1.39	--	--	--	--	--	--	--	--	--
02/07/98	243.12	5.70	0.00	237.42	3.75	ND	--	ND	ND	ND	ND	--	--	--
05/04/98	243.12	7.75	0.00	235.37	-2.05	--	--	--	--	--	--	--	--	--
07/27/98	243.12	9.37	0.00	233.75	-1.62	ND	--	ND	ND	ND	ND	--	--	--
11/02/98	243.12	10.53	0.00	232.59	-1.16	--	--	--	--	--	--	--	--	--
02/13/99	243.12	7.54	0.00	235.58	2.99	55	--	0.95	ND	0.7	ND	--	--	--
05/04/99	243.12	8.68	0.00	234.44	-1.14	--	--	--	--	--	--	--	--	--
08/06/99	243.12	9.95	0.00	233.17	-1.27	ND	--	ND	ND	ND	ND	--	--	--
11/19/99	243.12	10.37	0.00	232.75	-0.42	--	--	--	--	--	--	--	--	--
02/12/00	243.12	7.48	0.00	235.64	2.89	66	--	ND	ND	ND	0.93	--	--	--
05/06/00	243.12	8.78	0.00	234.34	-1.30	--	--	--	--	--	--	--	--	--
08/04/00	243.12	10.17	0.00	232.95	-1.39	ND	--	ND	ND	ND	ND	--	--	--
11/14/00	243.12	11.42	0.00	231.70	-1.25	--	--	--	--	--	--	--	--	--
02/16/01	243.12	9.91	0.00	233.21	1.51	156	--	1	ND	0.787	ND	ND	ND	--
05/03/01	243.12	10.42	0.00	232.70	-0.51	--	--	--	--	--	--	--	--	--
08/01/01	243.12	11.28	0.00	231.84	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	Sampled semi-annually
11/10/01	243.12	11.60	0.00	231.52	-0.32	--	--	--	--	--	--	--	--	--
02/01/02	243.12	9.45	0.00	233.67	2.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	Sampled semi-annually
05/02/02	243.12	10.25	0.00	232.87	-0.80	--	--	--	--	--	--	--	--	--
07/23/02	243.23	10.92	0.00	232.31	-0.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--
11/20/02	243.23	10.73	0.00	232.50	0.19	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	243.23	9.36	0.00	233.87	1.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	Sampled semi-annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
05/29/03	243.23	9.57	0.00	233.66	-0.21	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.23	11.09	0.00	232.14	-1.52	54	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	243.23	11.71	0.00	231.52	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	243.23	10.70	0.00	232.53	1.01	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	243.23	11.17	0.00	232.06	-0.47	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-5														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.77	9.41	0.00	234.36	--	--	--	--	--	--	--	--	--	
08/25/93	243.77	10.20	0.00	233.57	-0.79	ND	--	ND	ND	ND	ND	--	--	
11/07/93	243.47	10.23	0.00	233.24	-0.33	--	--	--	--	--	--	--	--	
02/23/94	243.47	8.10	0.00	235.37	2.13	ND	--	ND	ND	ND	ND	--	--	
05/25/94	243.47	9.45	0.00	234.02	-1.35	--	--	--	--	--	--	--	--	
08/22/94	243.47	10.36	0.00	233.11	-0.91	ND	--	ND	ND	ND	ND	--	--	
11/22/94	243.47	9.31	0.00	234.16	1.05	--	--	--	--	--	--	--	--	
02/24/95	243.47	7.41	0.00	236.06	1.90	ND	--	ND	ND	ND	ND	--	--	
05/22/95	243.47	8.12	0.00	235.35	-0.71	--	--	--	--	--	--	--	--	
08/28/95	243.47	9.18	0.00	234.29	-1.06	ND	--	ND	1.4	ND	1.5	--	--	
11/09/95	243.47	10.18	0.00	233.29	-1.00	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
02/08/96	243.47	6.66	0.00	236.81	3.52	ND	--	ND	ND	ND	0.75	--	--	
05/17/96	243.47	7.35	0.00	236.12	-0.69	--	--	--	--	--	--	--	--	
08/29/96	243.47	9.98	0.00	233.49	-2.63	ND	--	ND	6.6	ND	ND	--	--	
11/27/96	243.47	9.51	0.00	233.96	0.47	--	--	--	--	--	--	--	--	
02/28/97	243.47	8.77	0.00	234.70	0.74	ND	--	ND	ND	ND	ND	ND	--	
06/24/97	243.47	9.80	0.00	233.67	-1.03	--	--	--	--	--	--	--	--	
08/20/97	243.47	10.50	0.00	232.97	-0.70	ND	--	ND	ND	ND	ND	--	--	
11/21/97	243.47	9.18	0.00	234.29	1.32	--	--	--	--	--	--	--	--	
02/07/98	243.47	5.65	0.00	237.82	3.53	ND	--	ND	0.54	ND	ND	--	--	
05/04/98	243.47	7.55	0.00	235.92	-1.90	--	--	--	--	--	--	--	--	
07/27/98	243.47	9.21	0.00	234.26	-1.66	ND	--	ND	ND	ND	ND	--	--	
11/02/98	243.47	10.31	0.00	233.16	-1.10	--	--	--	--	--	--	--	--	
02/13/99	243.47	7.39	0.00	236.08	2.92	ND	--	ND	ND	ND	ND	--	--	
05/04/99	243.47	8.52	0.00	234.95	-1.13	--	--	--	--	--	--	--	--	
08/06/99	243.47	9.86	0.00	233.61	-1.34	ND	--	ND	ND	ND	ND	--	--	
11/19/99	243.47	10.20	0.00	233.27	-0.34	--	--	--	--	--	--	--	--	
02/12/00	243.47	7.37	0.00	236.10	2.83	ND	--	ND	ND	ND	ND	--	--	
05/06/00	243.47	8.65	0.00	234.82	-1.28	--	--	--	--	--	--	--	--	
08/04/00	243.47	10.14	0.00	233.33	-1.49	ND	--	ND	ND	ND	ND	--	--	
11/14/00	243.47	11.26	0.00	232.21	-1.12	--	--	--	--	--	--	--	--	
02/16/01	243.47	9.84	0.00	233.63	1.42	ND	--	ND	ND	ND	ND	ND	ND	
05/03/01	243.47	10.39	0.00	233.08	-0.55	--	--	--	--	--	--	--	--	
08/01/01	243.47	11.31	0.00	232.16	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/10/01	243.47	11.59	0.00	231.88	-0.28	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
02/01/02	243.47	9.50	0.00	233.97	2.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/02/02	243.47	10.25	0.00	233.22	-0.75	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	243.62	10.89	0.00	232.73	-0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	243.62	10.74	0.00	232.88	0.15	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	243.62	9.34	0.00	234.28	1.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/29/03	243.62	9.54	0.00	234.08	-0.20	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.62	11.02	0.00	232.60	-1.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	243.62	11.62	0.00	232.00	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	243.62	10.62	0.00	233.00	1.00	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	243.62	11.04	0.00	232.58	-0.42	--	--	--	--	--	--	--	--	Sampled Semi-Annually
MW-6														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	0.37	0.61	ND	0.58	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.32	10.03	0.00	233.29	--	--	--	--	--	--	--	--	--	
08/25/93	243.32	10.67	0.00	232.65	-0.64	ND	--	ND	ND	ND	ND	--	--	
11/07/93	242.64	10.26	0.00	232.38	-0.27	--	--	--	--	--	--	--	--	
02/23/94	242.64	8.73	0.00	233.91	1.53	ND	--	ND	ND	ND	ND	--	--	
05/25/94	242.64	9.83	0.00	232.81	-1.10	--	--	--	--	--	--	--	--	
08/22/94	242.64	10.50	0.00	232.14	-0.67	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
11/22/94	242.64	9.60	0.00	233.04	0.90	--	--	--	--	--	--	--	--	--
02/24/95	242.64	8.07	0.00	234.57	1.53	ND	--	ND	ND	ND	ND	--	--	--
05/22/95	242.64	8.77	0.00	233.87	-0.70	--	--	--	--	--	--	--	--	--
08/28/95	242.64	9.64	0.00	233.00	-0.87	ND	--	ND	1.7	ND	1.6	--	--	--
11/09/95	242.64	10.33	0.00	232.31	-0.69	--	--	--	--	--	--	--	--	--
02/08/96	242.64	7.22	0.00	235.42	3.11	ND	--	ND	ND	ND	ND	--	--	--
05/17/96	242.64	8.34	0.00	234.30	-1.12	--	--	--	--	--	--	--	--	--
08/29/96	242.64	10.26	0.00	232.38	-1.92	ND	--	ND	6.1	ND	ND	--	--	--
11/27/96	242.64	9.83	0.00	232.81	0.43	--	--	--	--	--	--	--	--	--
02/28/97	242.64	9.35	0.00	233.29	0.48	ND	--	ND	0.94	ND	0.74	ND	--	--
06/24/97	242.64	10.49	0.00	232.15	-1.14	--	--	--	--	--	--	--	--	--
08/20/97	242.64	10.49	0.00	232.15	0.00	ND	--	ND	ND	ND	ND	--	--	--
11/21/97	242.64	9.56	0.00	233.08	0.93	--	--	--	--	--	--	--	--	--
02/07/98	242.64	6.28	0.00	236.36	3.28	ND	--	ND	0.57	ND	ND	--	--	--
05/04/98	242.64	8.18	0.00	234.46	-1.90	--	--	--	--	--	--	--	--	--
07/27/98	242.64	9.64	0.00	233.00	-1.46	ND	--	ND	ND	ND	ND	--	ND	--
11/02/98	242.64	10.40	0.00	232.24	-0.76	--	--	--	--	--	--	--	--	--
02/13/99	242.64	7.88	0.00	234.76	2.52	ND	--	ND	ND	ND	ND	--	ND	--
05/04/99	242.64	9.07	0.00	233.57	-1.19	--	--	--	--	--	--	--	--	--
08/06/99	242.64	10.02	0.00	232.62	-0.95	ND	--	ND	ND	ND	ND	--	ND	--
11/19/99	242.64	10.30	0.00	232.34	-0.28	--	--	--	--	--	--	--	--	--
02/12/00	242.64	7.75	0.00	234.89	2.55	ND	--	ND	ND	ND	ND	--	ND	--
05/06/00	242.64	9.09	0.00	233.55	-1.34	--	--	--	--	--	--	--	--	--
08/04/00	242.64	10.13	0.00	232.51	-1.04	ND	--	ND	ND	ND	ND	--	ND	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through November 2004
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
11/14/00	242.64	11.24	0.00	231.40	-1.11	--	--	--	--	--	--	--	--	
02/16/01	242.64	9.65	0.00	232.99	1.59	ND	--	ND	ND	ND	ND	ND	ND	
05/03/01	242.64	10.17	0.00	232.47	-0.52	--	--	--	--	--	--	--	--	
08/01/01	242.64	10.88	0.00	231.76	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.5	ND<2.5	ND<5.0	Sampled semi-annually
11/10/01	242.64	11.18	0.00	231.46	-0.30	--	--	--	--	--	--	--	--	
02/01/02	242.64	9.34	0.00	233.30	1.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	Sampled semi-annually
05/02/02	242.64	10.06	0.00	232.58	-0.72	--	--	--	--	--	--	--	--	
07/23/02	242.72	10.55	0.00	232.17	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	Sampled semi-annually
11/20/02	242.72	10.27	0.00	232.45	0.28	--	--	--	--	--	--	--	--	
02/27/03	242.72	9.32	0.00	233.40	0.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	Sampled semi-annually
05/29/03	242.72	9.50	0.00	233.22	-0.18	--	--	--	--	--	--	--	--	
08/08/03	242.72	10.72	0.00	232.00	-1.22	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
11/07/03	242.72	11.25	0.00	231.47	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
05/12/04	242.72	10.42	0.00	232.30	0.83	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	242.72	10.77	0.00	231.95	-0.35	--	--	--	--	--	--	--	--	Sampled Semi Annually
MW-7														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	241.91	8.50	0.00	233.41	--	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
08/25/93	241.91	9.11	0.00	232.80	-0.61	6200	--	ND	ND	ND	ND	--	--	
11/07/93	241.53	8.83	0.00	232.70	-0.10	5200	--	ND	ND	80	ND	7700	--	
02/23/94	241.53	7.55	0.00	233.98	1.28	2700	--	ND	ND	ND	ND	--	--	
05/25/94	241.53	8.46	0.00	233.07	-0.91	ND	--	ND	ND	ND	ND	--	--	
08/22/94	241.53	9.07	0.00	232.46	-0.61	3400	--	ND	ND	ND	ND	--	--	
11/22/94	241.53	8.22	0.00	233.31	0.85	2400	--	ND	ND	ND	ND	--	--	
02/24/95	241.53	7.03	0.00	234.50	1.19	1300	--	ND	ND	ND	ND	--	--	
05/22/95	241.53	7.68	0.00	233.85	-0.65	720	--	ND	ND	ND	ND	--	--	
08/28/95	241.53	8.42	0.00	233.11	-0.74	ND	--	0.92	1.1	ND	1.2	--	--	
11/09/95	241.53	8.99	0.00	232.54	-0.57	ND	--	ND	ND	ND	ND	1800	--	
02/08/96	241.53	6.30	0.00	235.23	2.69	ND	--	ND	3	ND	4.4	--	--	
05/17/96	241.53	7.88	0.00	233.65	-1.58	ND	--	ND	ND	ND	ND	--	--	
08/29/96	241.53	8.82	0.00	232.71	-0.94	ND	--	ND	6.6	ND	ND	--	--	
11/27/96	241.53	8.42	0.00	233.11	0.40	ND	--	ND	ND	ND	ND	600	--	
02/28/97	241.53	7.97	0.00	233.56	0.45	ND	--	ND	ND	ND	ND	870	--	
06/24/97	241.53	8.90	0.00	232.63	-0.93	ND	--	ND	ND	ND	ND	ND	--	
08/20/97	241.53	8.97	0.00	232.56	-0.07	ND	--	ND	ND	ND	ND	450	--	
11/21/97	241.53	8.25	0.00	233.28	0.72	ND	--	ND	ND	ND	ND	790	--	
02/07/98	241.53	5.74	0.00	235.79	2.51	ND	--	ND	1.2	ND	0.71	110	--	
05/04/98	241.53	7.18	0.00	234.35	-1.44	ND	--	ND	ND	ND	ND	>1300	--	
07/27/98	241.53	8.36	0.00	233.17	-1.18	ND	--	ND	ND	ND	ND	1200	1200	
11/02/98	241.53	8.97	0.00	232.56	-0.61	ND	--	ND	ND	ND	ND	1360	1550	
02/13/99	241.53	6.86	0.00	234.67	2.11	ND	--	ND	ND	ND	ND	780	780	
05/04/99	241.53	7.91	0.00	233.62	-1.05	ND	--	ND	ND	ND	ND	740	510	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
08/06/99	241.53	8.71	0.00	232.82	-0.80	ND	--	ND	ND	ND	ND	360	280	
11/19/99	241.53	8.94	0.00	232.59	-0.23	ND	--	ND	ND	ND	ND	340	440	
02/12/00	241.53	6.74	0.00	234.79	2.20	ND	--	ND	ND	ND	ND	500	470	
05/06/00	241.53	7.98	0.00	233.55	-1.24	ND	--	ND	ND	ND	ND	410	470	
08/04/00	241.53	8.82	0.00	232.71	-0.84	ND	--	ND	ND	ND	ND	390	440	
11/14/00	241.53	9.12	0.00	232.41	-0.30	ND	--	ND	ND	ND	ND	110	91	
02/16/01	241.53	8.25	0.00	233.28	0.87	ND	--	ND	ND	ND	ND	172	280	
05/03/01	241.53	8.70	0.00	232.83	-0.45	ND	--	ND	ND	ND	ND	260	270	
08/01/01	241.53	9.56	0.00	231.97	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	260	190	
11/10/01	241.53	9.85	0.00	231.68	-0.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	270	--	
02/01/02	241.53	8.02	0.00	233.51	1.83	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	120	
05/02/02	241.53	8.52	0.00	233.01	-0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	47	51	
07/23/02	241.57	9.04	0.00	232.53	-0.48	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	49	
11/20/02	241.57	9.12	0.00	232.45	-0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	47	59	
02/27/03	241.57	8.09	0.00	233.48	1.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	35	27	
05/29/03	241.57	8.17	0.00	233.40	-0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	43	32	
08/08/03	241.57	9.20	0.00	232.37	-1.03	76	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	76	
11/07/03	241.57	9.80	0.00	231.77	-0.60	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	41	
05/12/04	241.57	8.83	0.00	232.74	0.97	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
11/12/04	241.57	9.23	0.00	232.34	-0.40	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	71	
MW-8														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 June 1988 Through November 2004
 76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	241.58	8.33	0.00	233.25	--	--	--	--	--	--	--	--	--	
08/25/93	241.58	7.47	0.00	234.11	0.86	ND	--	ND	ND	ND	ND	--	--	
11/07/93	241.21	7.21	0.00	234.00	-0.11	--	--	--	--	--	--	--	--	
02/23/94	241.21	5.49	0.00	235.72	1.72	ND	--	ND	ND	ND	ND	--	--	
05/25/94	241.21	6.52	0.00	234.69	-1.03	--	--	--	--	--	--	--	--	
08/22/94	241.21	7.48	0.00	233.73	-0.96	ND	--	ND	ND	ND	ND	--	--	
11/22/94	241.21	6.69	0.00	234.52	0.79	--	--	--	--	--	--	--	--	
02/24/95	241.21	5.23	0.00	235.98	1.46	ND	--	ND	ND	ND	ND	--	--	
05/22/95	241.21	5.57	0.00	235.64	-0.34	--	--	--	--	--	--	--	--	
08/28/95	241.21	6.65	0.00	234.56	-1.08	ND	--	ND	0.8	ND	0.84	--	--	
11/09/95	241.21	7.55	0.00	233.66	-0.90	--	--	--	--	--	--	--	--	
02/08/96	241.21	4.58	0.00	236.63	2.97	ND	--	ND	ND	ND	ND	--	--	
05/17/96	241.21	7.63	0.00	233.58	-3.05	--	--	--	--	--	--	--	--	
08/29/96	241.21	7.11	0.00	234.10	0.52	ND	--	ND	5.9	ND	ND	--	--	
11/27/96	241.21	6.67	0.00	234.54	0.44	--	--	--	--	--	--	--	--	
02/28/97	241.21	5.91	0.00	235.30	0.76	ND	--	ND	ND	ND	ND	ND	ND	
06/24/97	241.21	7.18	0.00	234.03	-1.27	--	--	--	--	--	--	--	--	
08/20/97	241.21	7.28	0.00	233.93	-0.10	ND	--	ND	ND	ND	ND	--	--	
11/21/97	241.21	6.20	0.00	235.01	1.08	--	--	--	--	--	--	--	--	
02/07/98	241.21	3.90	0.00	237.31	2.30	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through November 2004
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
05/04/98	241.21	5.00	0.00	236.21	-1.10	--	--	--	--	--	--	--	--	--
07/27/98	241.21	6.24	0.00	234.97	-1.24	ND	--	ND	ND	ND	ND	--	--	--
11/02/98	241.21	7.18	0.00	234.03	-0.94	--	--	--	--	--	--	--	--	--
02/13/99	241.21	4.87	0.00	236.34	2.31	ND	--	ND	ND	ND	ND	--	--	--
05/04/99	241.21	5.67	0.00	235.54	-0.80	ND	--	ND	ND	ND	ND	14	14	--
08/06/99	241.21	6.71	0.00	234.50	-1.04	ND	--	ND	ND	ND	ND	--	17	--
11/19/99	241.21	6.58	0.00	234.63	0.13	--	--	--	--	--	--	--	--	--
02/12/00	241.21	4.88	0.00	236.33	1.70	ND	--	ND	ND	ND	ND	--	7.9	--
05/06/00	241.21	5.60	0.00	235.61	-0.72	--	--	--	--	--	--	--	--	--
08/04/00	241.21	7.02	0.00	234.19	-1.42	ND	--	ND	ND	ND	ND	18	16	--
11/14/00	241.21	7.33	0.00	233.88	-0.31	--	--	--	--	--	--	--	--	--
02/16/01	241.21	6.20	0.00	235.01	1.13	ND	--	ND	ND	ND	ND	ND	ND	--
05/04/01	241.21	6.67	0.00	234.54	--	--	--	--	--	--	--	--	--	--
08/01/01	241.21	7.89	0.00	233.32	-1.22	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<5.0	Sampled semi-annually
11/10/01	241.21	8.18	0.00	233.03	-0.29	--	--	--	--	--	--	--	--	--
02/01/02	241.21	5.99	0.00	235.22	2.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	Sampled semi-annually
05/02/02	241.21	6.47	0.00	234.74	-0.48	--	--	--	--	--	--	--	--	--
07/23/02	241.27	7.14	0.00	234.13	-0.61	--	--	--	--	--	--	--	--	--
11/20/02	241.27	6.95	0.00	234.32	0.19	--	--	--	--	--	--	--	--	--
02/27/03	241.27	6.04	0.00	235.23	0.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	Sampled semi-annually
05/29/03	241.27	8.18	0.00	233.09	-2.14	--	--	--	--	--	--	--	--	--
08/08/03	241.27	7.28	0.00	233.99	0.90	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	Sampled semi-annually
11/07/03	241.27	8.02	0.00	233.25	-0.74	--	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
05/12/04	241.27	6.75	0.00	234.52	1.27	--	--	--	--	--	--	--	--	Monitored Only

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
11/12/04	241.27	7.23	0.00	234.04	-0.48	--	--	--	--	--	--	--	--	Sampled Semi Annually
MW-9														
07/23/02	240.92	9.31	0.00	231.61	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/20/02	240.92	9.87	0.00	231.05	-0.56	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
02/27/03	240.92	9.03	0.00	231.89	0.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.3	6.9	
05/29/03	240.92	9.21	0.00	231.71	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	2.3	
08/08/03	240.92	9.89	0.00	231.03	-0.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	240.92	10.25	0.00	230.67	-0.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	240.92	9.68	0.00	231.24	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.69	
11/12/04	240.92	9.72	0.00	231.20	-0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.54	
MW-10														
07/23/02	240.87	10.35	0.00	230.52	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/20/02	240.87	10.55	0.00	230.32	-0.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
02/27/03	240.87	9.35	0.00	231.52	1.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/29/03	240.87	9.52	0.00	231.35	-0.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
08/08/03	240.87	10.52	0.00	230.35	-1.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	240.87	11.10	0.00	229.77	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	240.87	10.33	0.00	230.54	0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/12/04	240.87	10.57	0.00	230.30	-0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	
MW-11														
07/23/02	241.13	7.79	0.00	233.34	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.3	
11/20/02	241.13	7.93	0.00	233.20	-0.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.8	3.9	
02/27/03	241.13	6.45	0.00	234.68	1.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/29/03	241.13	6.57	0.00	234.56	-0.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through November 2004

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued														
08/08/03	241.13	7.90	0.00	233.23	-1.33	98	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	241.13	8.63	0.00	232.50	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.8	
05/12/04	241.13	7.37	0.00	233.76	1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.8	
11/12/04	241.13	7.94	0.00	233.19	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.91	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)	1,2 DCE (µg/l)
MW-1													
04/19/91	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.1	--
08/25/93	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/08/96	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/16/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND
MW-2													
10/09/91	--	--	--	--	--	--	0.098	--	0.066	0.047	0.039	--	--
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
11/02/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
11/19/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
05/06/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
11/14/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/16/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)	1,2 DCE (µg/l)
MW-2 continued													
05/04/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND
08/01/01	--	ND<10	ND<25	ND<50	ND<25	ND<25	--	ND<750	--	--	--	--	ND<10
11/10/01	--	ND<10	ND<10	ND<100	ND<10	ND<10	--	ND<2500	--	--	--	--	ND<10
02/01/02	--	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/02/02	--	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
07/23/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
11/20/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
02/27/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/29/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
MW-3													
02/14/92	--	ND	ND	ND	ND	ND	--	--	--	--	--	29	--
02/16/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND
MW-4													
04/19/91	--	--	--	--	--	--	--	--	--	--	--	--	--
02/14/92	--	--	--	--	--	--	--	--	--	--	--	--	ND
08/13/92	--	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.11	--
08/25/93	--	--	--	--	--	--	--	--	--	--	--	0.43	--
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)	1,2 DCE (µg/l)
MW-4 continued													
02/08/96	--	--	--	--	--	--	--	--	--	--	--	1.1	--
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/16/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND
MW-5													
04/19/91	--	--	--	--	--	--	--	--	--	--	--	45	--
02/14/92	--	--	--	--	--	--	--	--	--	--	--	8.8	--
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/25/93	--	--	--	--	--	--	--	--	--	--	--	180	--
08/25/93	--	--	--	--	--	--	--	--	--	--	--	2.7	--
02/23/94	--	--	--	--	--	--	--	--	--	--	--	12	--
08/22/94	--	--	--	--	--	--	--	--	--	--	--	12	--
02/24/95	--	--	--	--	--	--	--	--	--	--	--	170	--
08/28/95	--	--	--	--	--	--	--	--	--	--	--	17	--
02/08/96	--	--	--	--	--	--	--	--	--	--	--	140	--
08/29/96	--	--	--	--	--	--	--	--	--	--	--	17	--
02/16/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND
MW-6													
04/19/91	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.11	--
08/25/93	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND	--
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND	--
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)	1,2 DCE (µg/l)
MW-6 continued													
02/08/96	--	--	--	--	--	--	--	--	--	--	--	0.26	--
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/16/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND
08/01/01	--	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--	ND<2.0
02/01/02	--	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
07/23/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
02/27/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--
MW-7													
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
11/02/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
11/19/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
05/06/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
11/14/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/16/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)	1,2 DCE (µg/l)
MW-7 continued													
05/03/01	--	ND	ND	24	ND	ND	--	ND	--	--	--	--	ND
08/01/01	--	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--	ND<2.0
02/01/02	--	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/02/02	--	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
07/23/02	--	ND<10	ND<10	ND<500	ND<10	ND<10	--	ND<2500	--	--	--	--	ND<10
11/20/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
02/27/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/29/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
MW-8													
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND	--
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--	--
02/16/01	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	ND
08/01/01	--	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--	ND<2.0
02/01/02	--	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
07/23/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
02/27/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Nitrate (mg/l)	1,2 DCE (µg/l)
MW-9 continued													
07/23/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
11/20/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
02/27/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/29/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
MW-10													
07/23/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
11/20/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
02/27/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/29/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
MW-11													
07/23/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
11/20/02	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
02/27/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/29/03	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--	ND<2.0
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--	--

FIGURES



0 1/4 1/2 3/4 1 MILE



SCALE 1:24,000



VICINITY MAP

76 Station 5830
 2799 Yulupa Avenue
 Santa Rosa, California

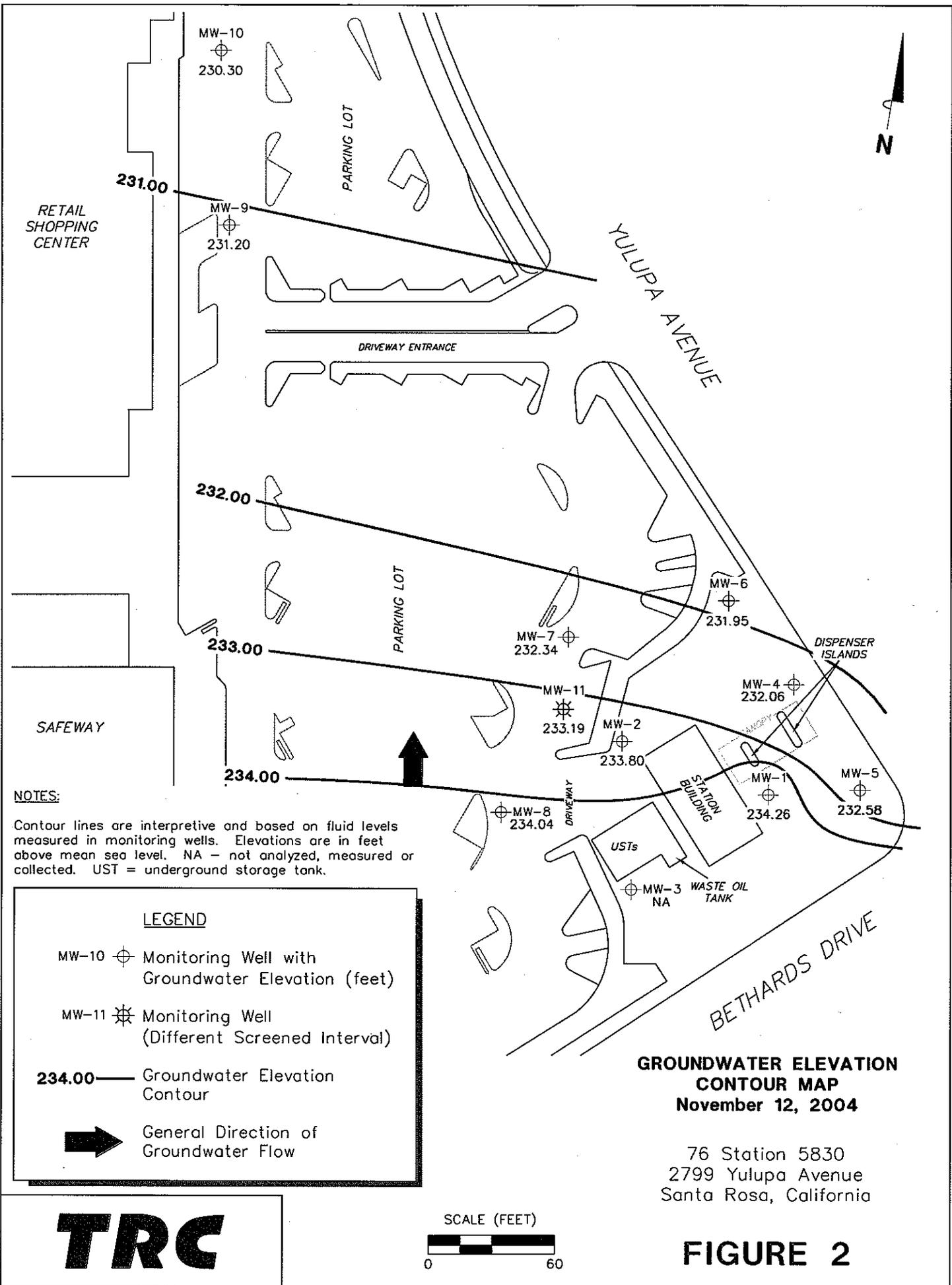
SOURCE:

United States Geological Survey
 7.5 Minute Topographic Map:
 Santa Rosa Quadrangle

FIGURE 1

TRC

PS = 1:1



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA - not analyzed, measured or collected. UST = underground storage tank.

LEGEND

MW-10 ⊕ Monitoring Well with Groundwater Elevation (feet)

MW-11 ⊗ Monitoring Well (Different Screened Interval)

234.00 — Groundwater Elevation Contour

➔ General Direction of Groundwater Flow

**GROUNDWATER ELEVATION CONTOUR MAP
November 12, 2004**

76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California

SCALE (FEET)

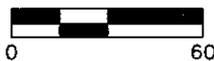
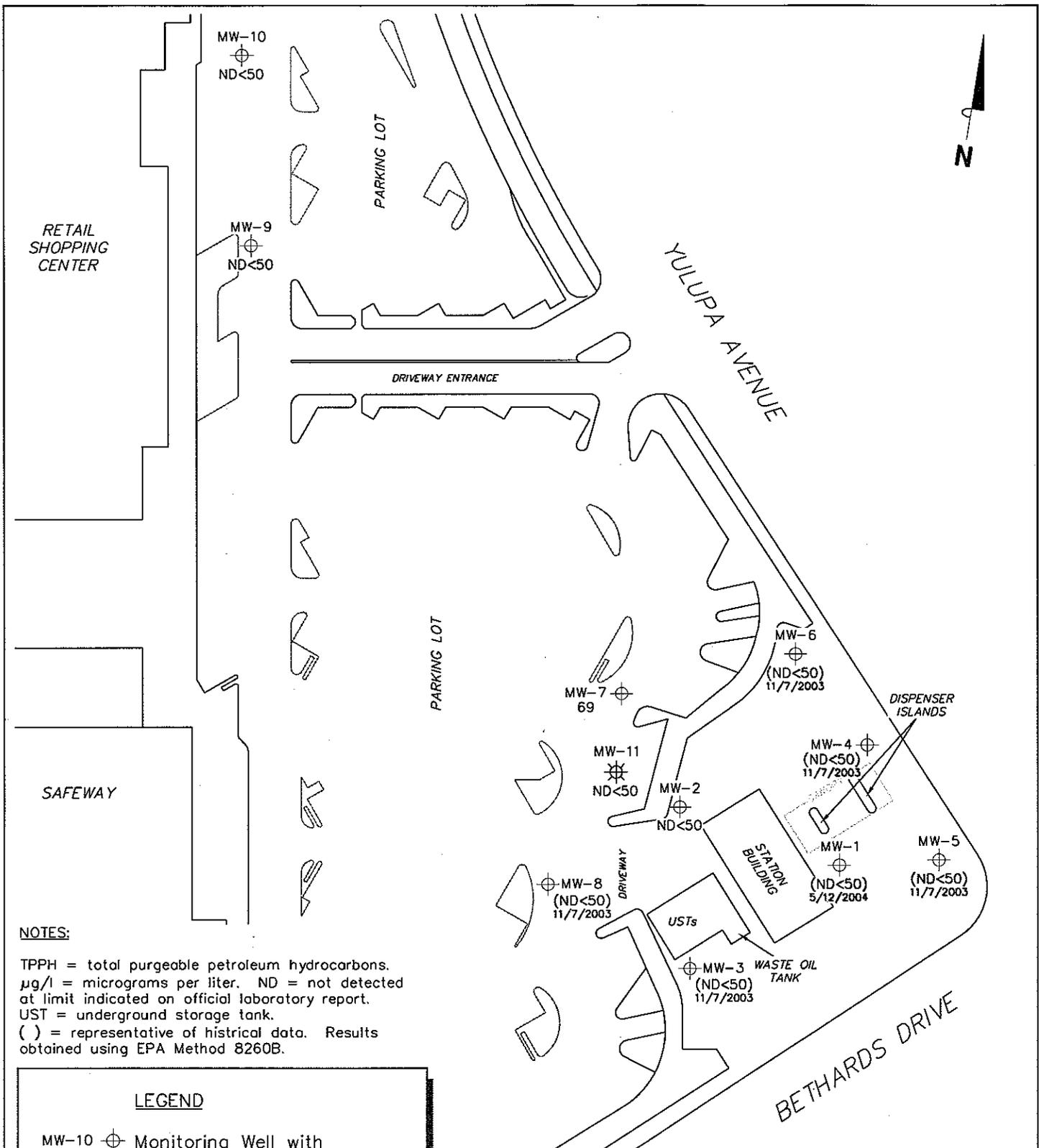


FIGURE 2



NOTES:

TPPH = total purgeable petroleum hydrocarbons.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank.
() = representative of historical data. Results obtained using EPA Method 8260B.

LEGEND

MW-10 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

MW-11 ⊕ Monitoring Well (Different Screened Interval)

**DISSOLVED-PHASE TPPH CONCENTRATION MAP
November 12, 2004**

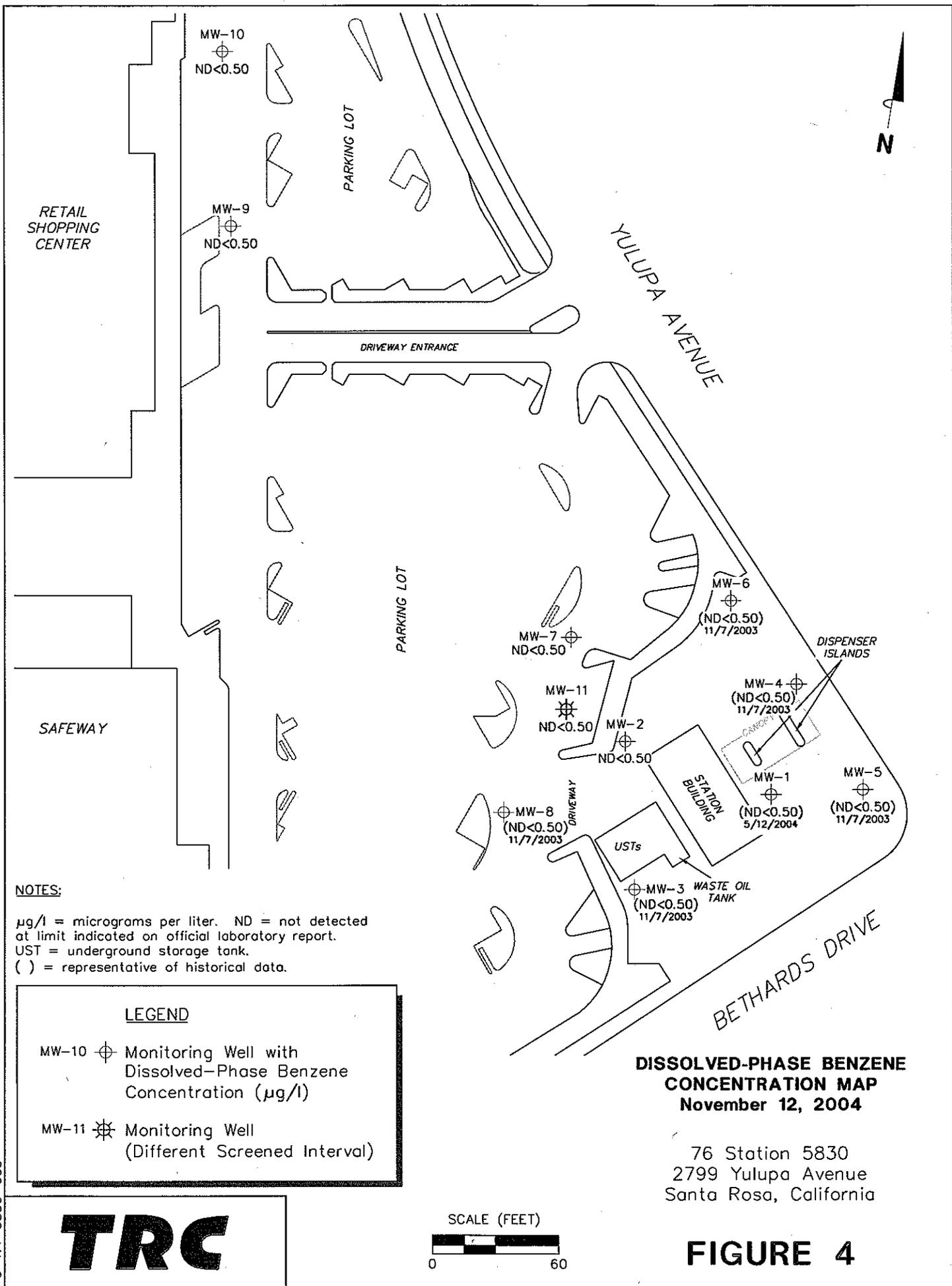
76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California



FIGURE 3

PS=1:1 5830-003





NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 UST = underground storage tank.
 () = representative of historical data.

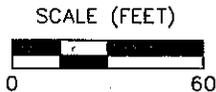
LEGEND

- MW-10 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- MW-11 ⊛ Monitoring Well (Different Screened Interval)

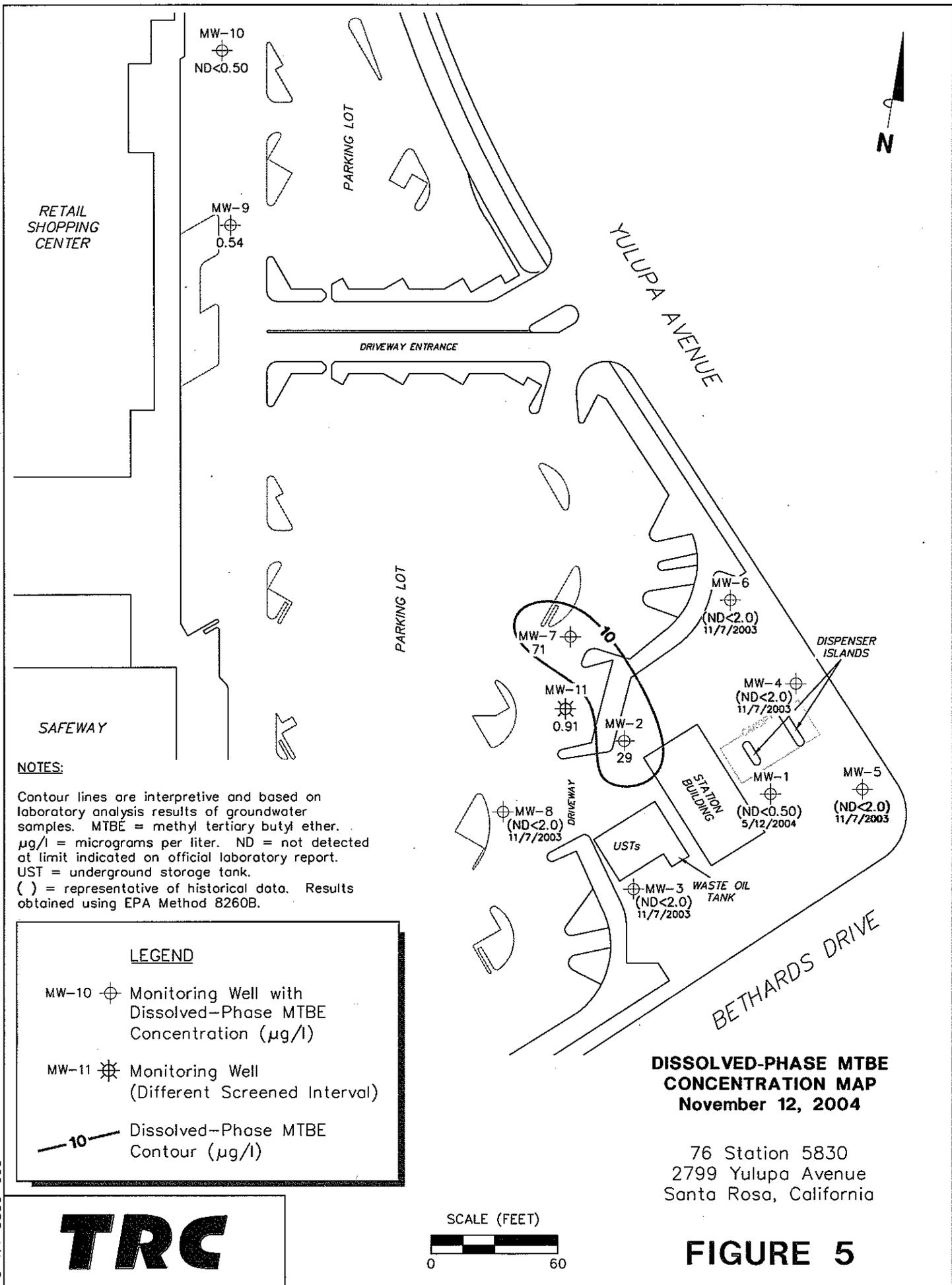
**DISSOLVED-PHASE BENZENE CONCENTRATION MAP
 November 12, 2004**

76 Station 5830
 2799 Yulupa Avenue
 Santa Rosa, California

FIGURE 4



PS=1:1 5830-003



RETAIL SHOPPING CENTER

MW-10
ND<0.50

MW-9
0.54

PARKING LOT

YULUPA AVENUE

DRIVEWAY ENTRANCE

PARKING LOT



SAFeway

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. () = representative of historical data. Results obtained using EPA Method 8260B.

LEGEND

- MW-10 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- MW-11 ⊗ Monitoring Well (Different Screened Interval)
- 10— Dissolved-Phase MTBE Contour (µg/l)

MW-7 71

MW-11 0.91

MW-2 29

MW-6 (ND<2.0) 11/7/2003

MW-4 (ND<2.0) 11/7/2003

MW-1 (ND<0.50) 5/12/2004

MW-5 (ND<2.0) 11/7/2003

MW-8 (ND<2.0) 11/7/2003

MW-3 WASTE OIL TANK (ND<2.0) 11/7/2003

DISPENSER ISLANDS

STATION BUILDING

USTs

DRIVEWAY

BETHARDS DRIVE

**DISSOLVED-PHASE MTBE CONCENTRATION MAP
November 12, 2004**

76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California

TRC

SCALE (FEET)

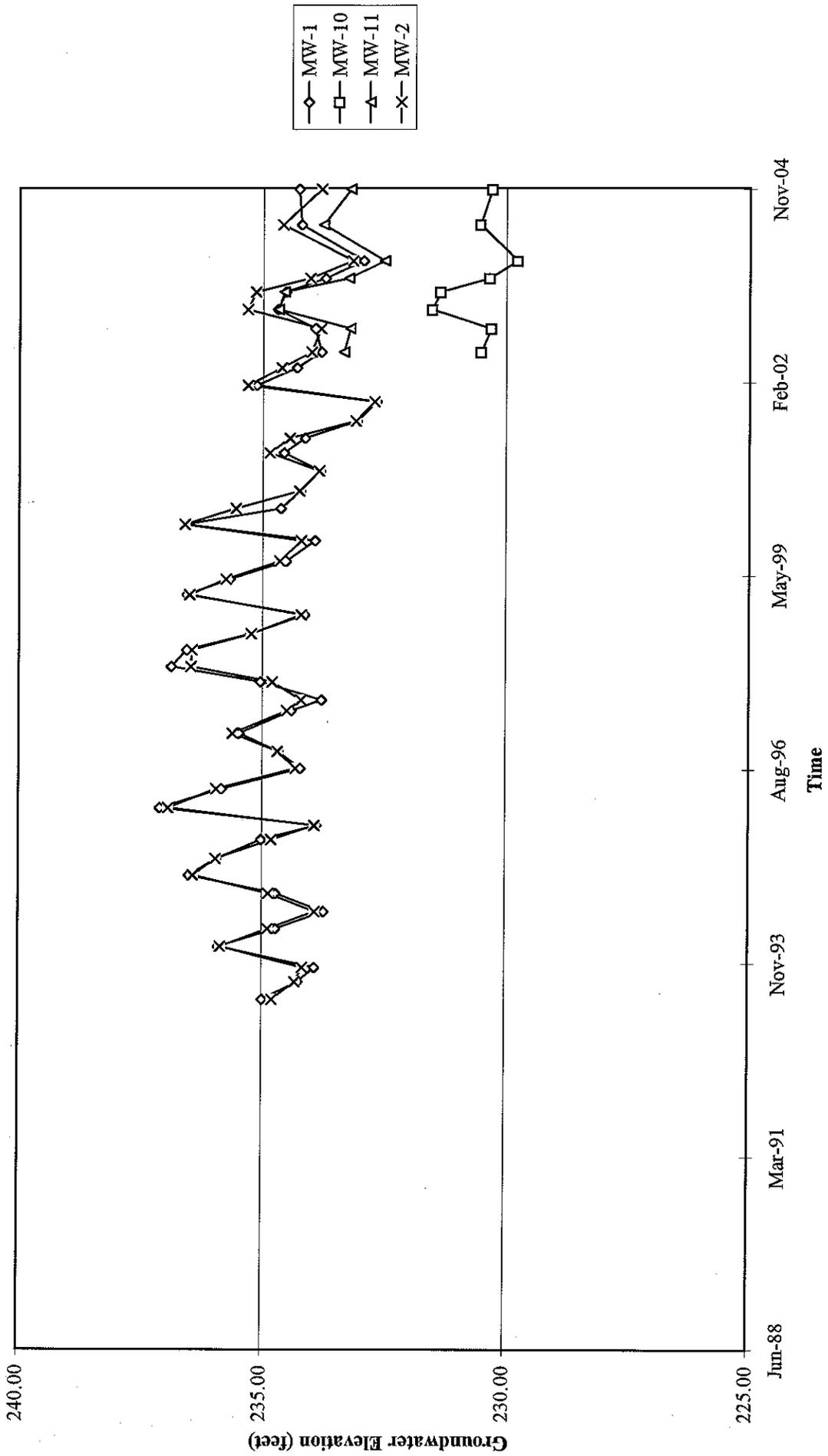


FIGURE 5

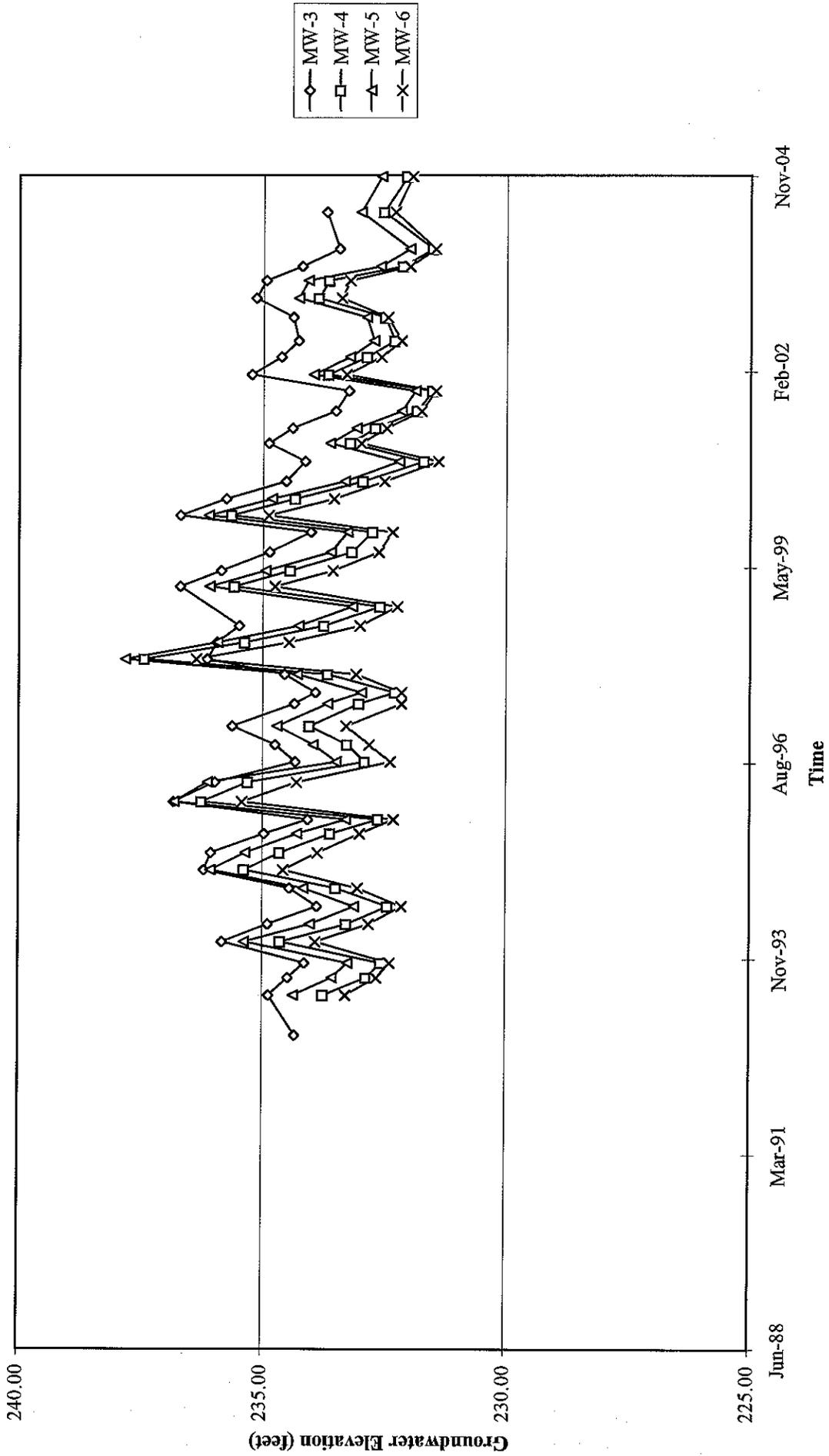
PS=1:1 5830-003

GRAPHS

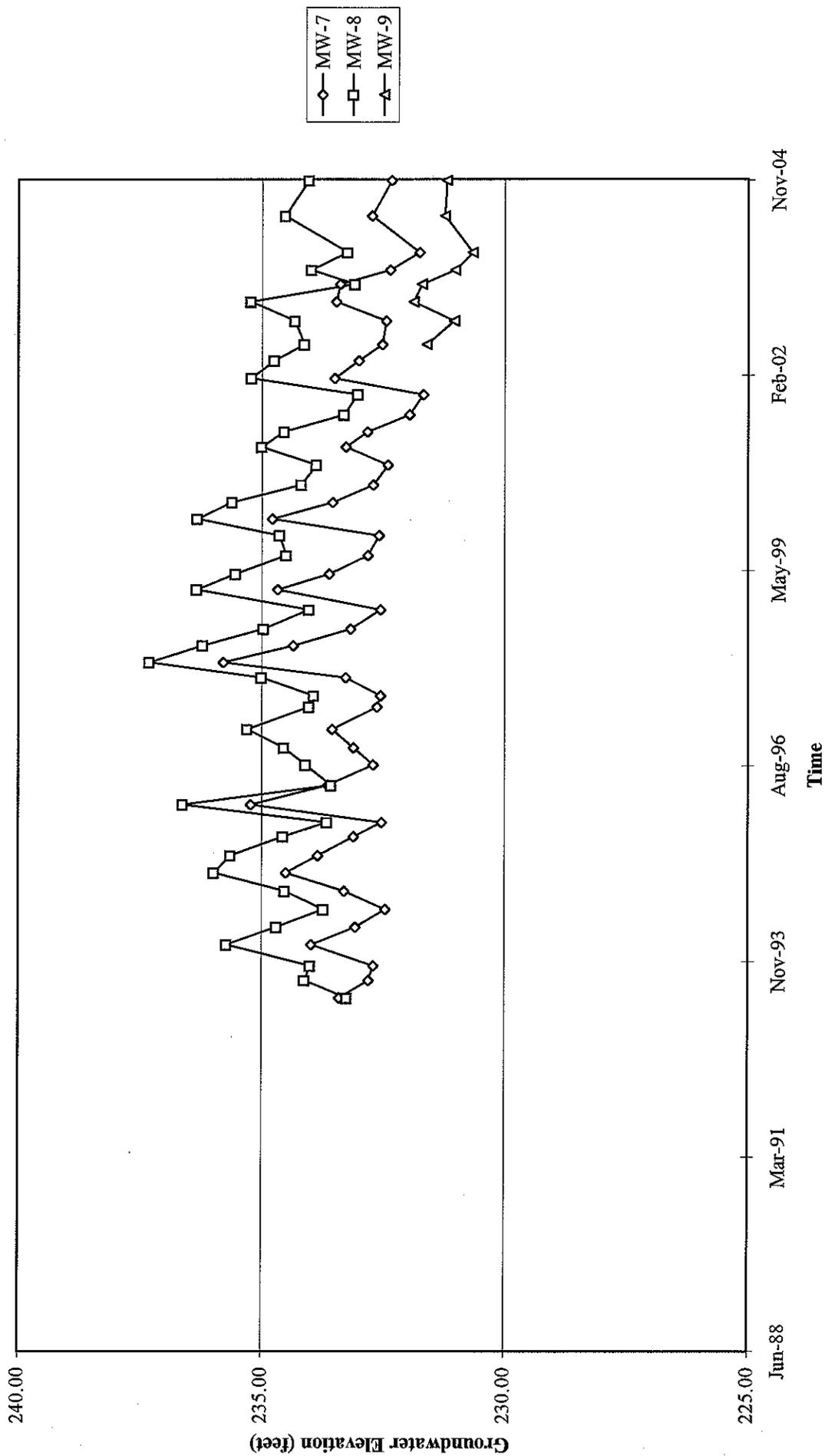
Groundwater Elevations vs. Time
76 Station 5830



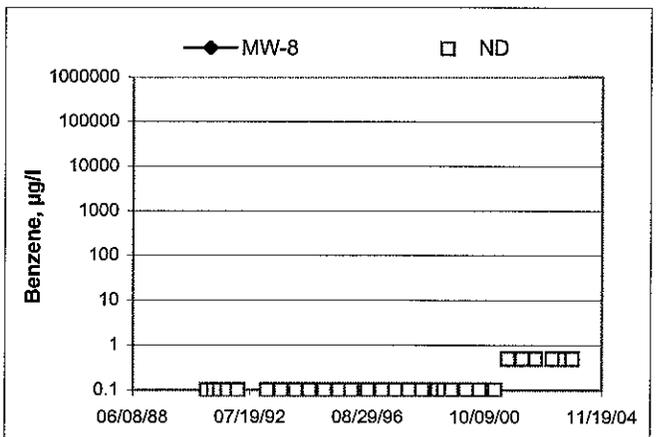
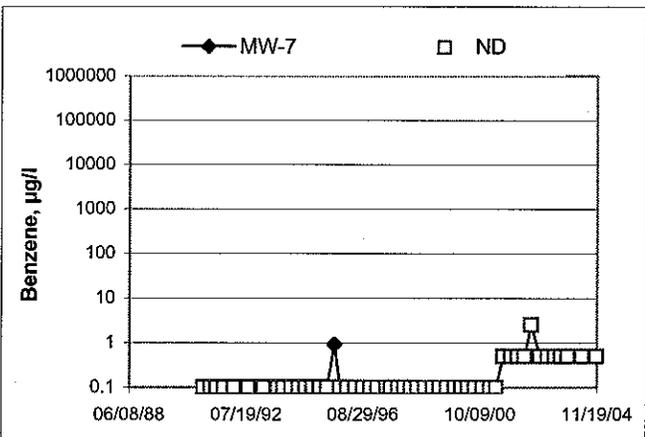
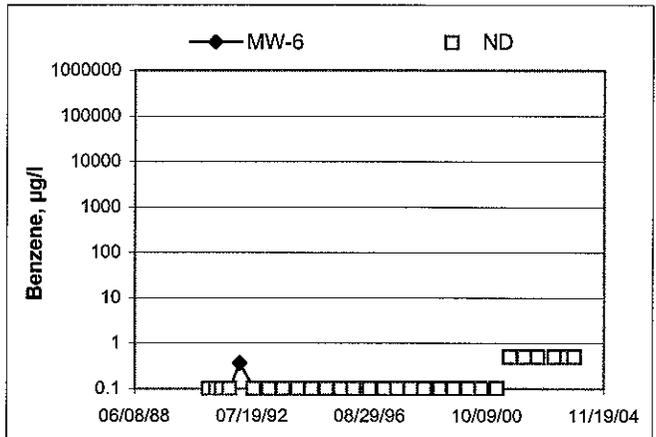
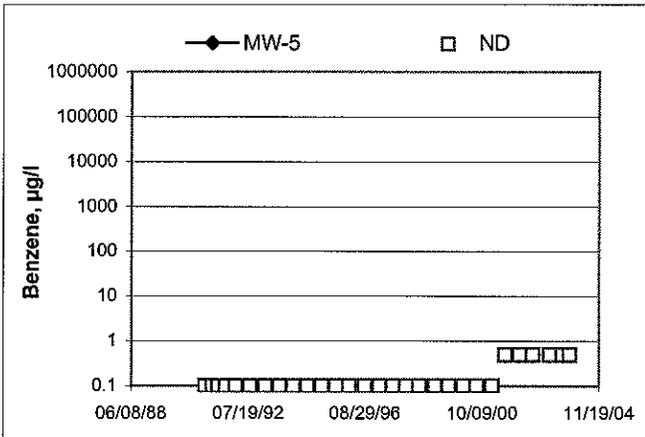
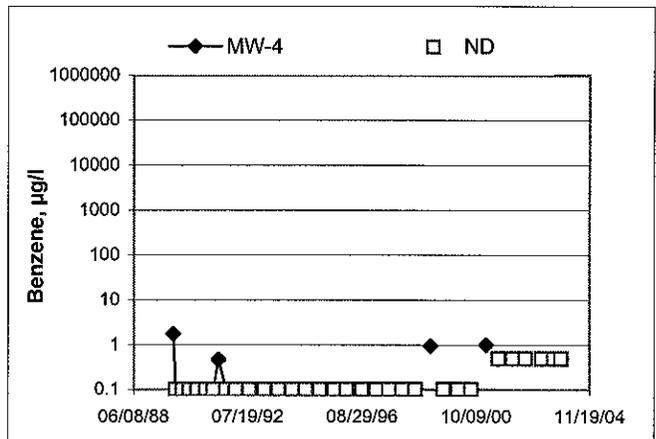
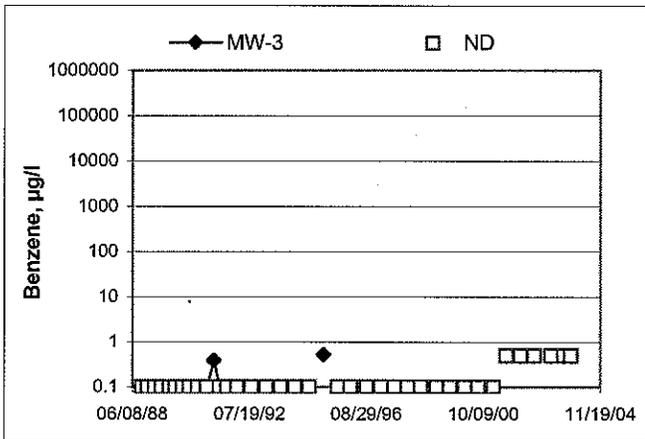
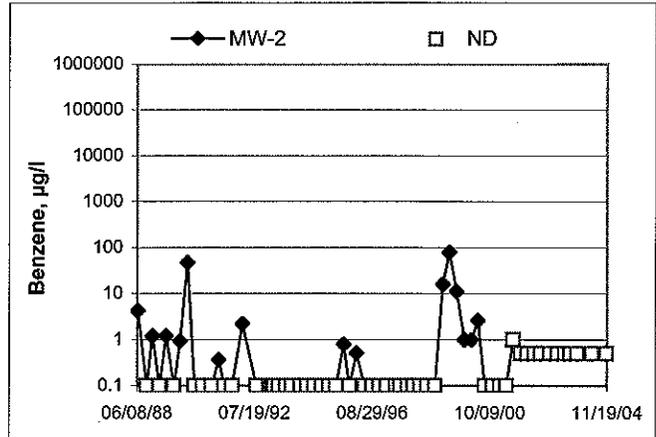
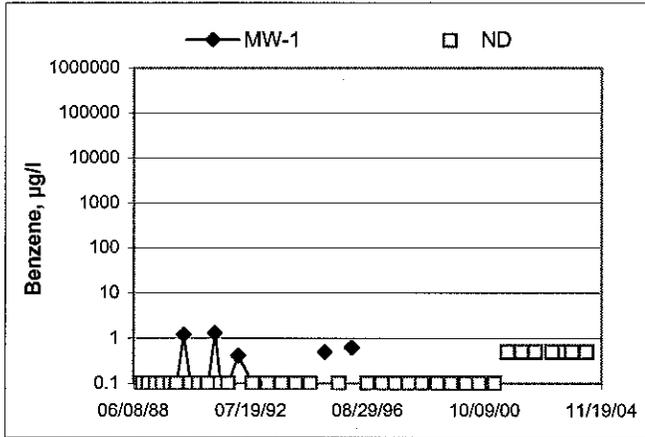
Groundwater Elevations vs. Time
76 Station 5830



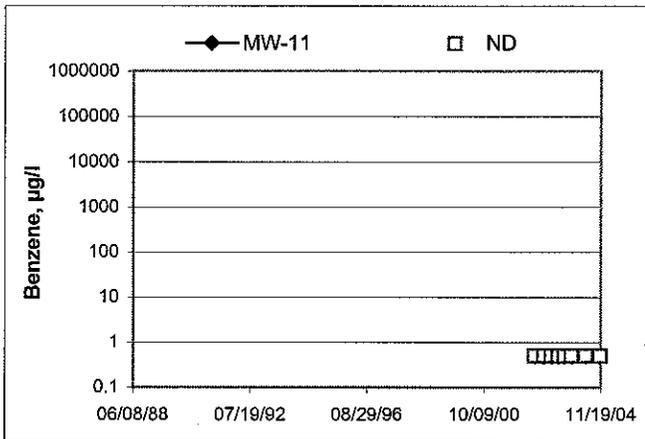
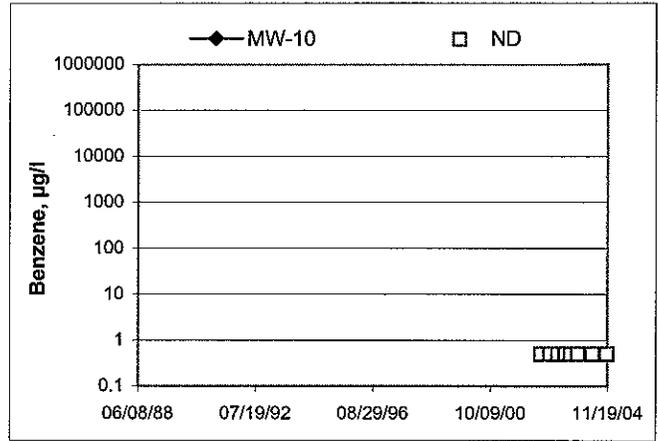
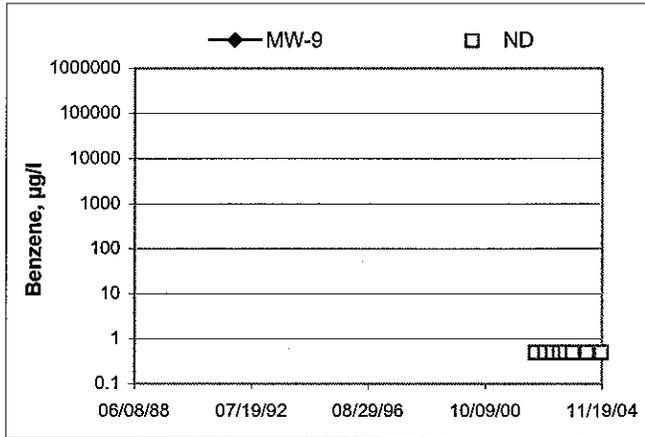
Groundwater Elevations vs. Time
76 Station 5830



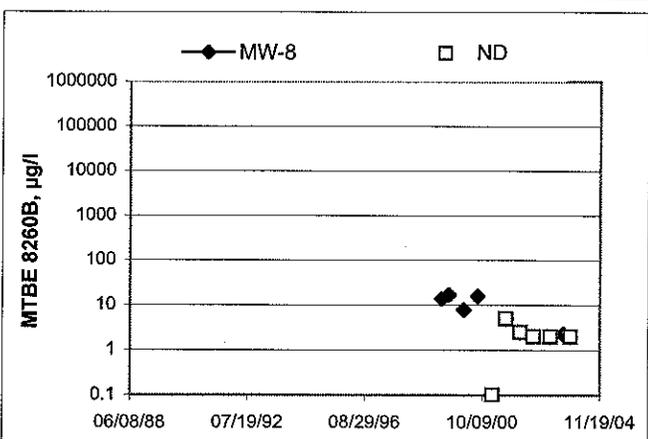
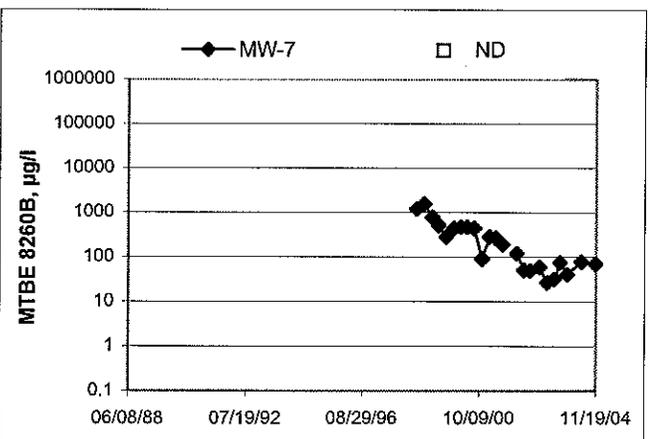
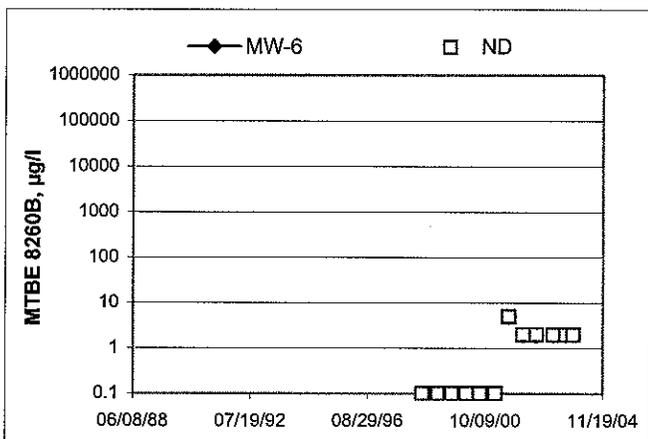
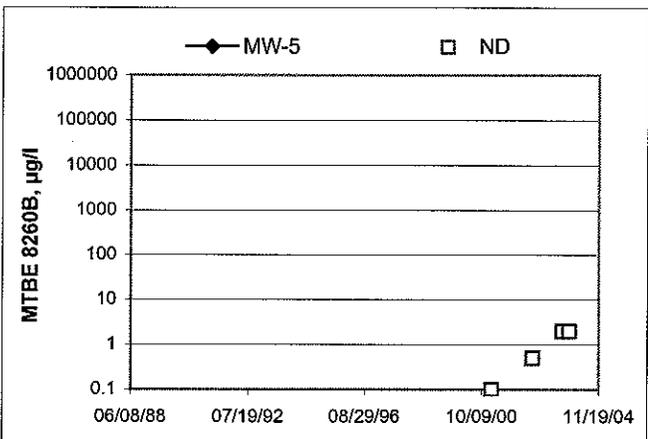
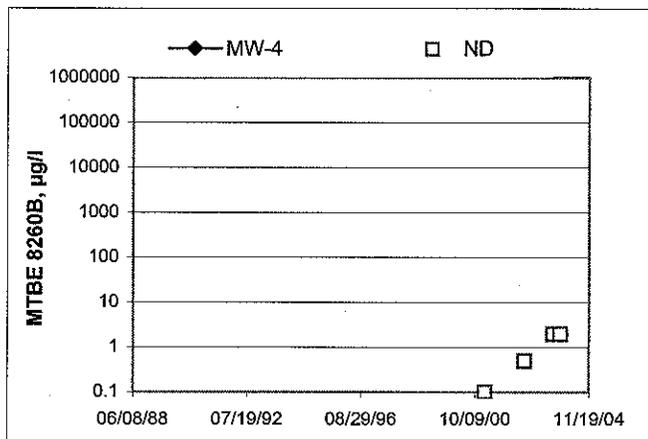
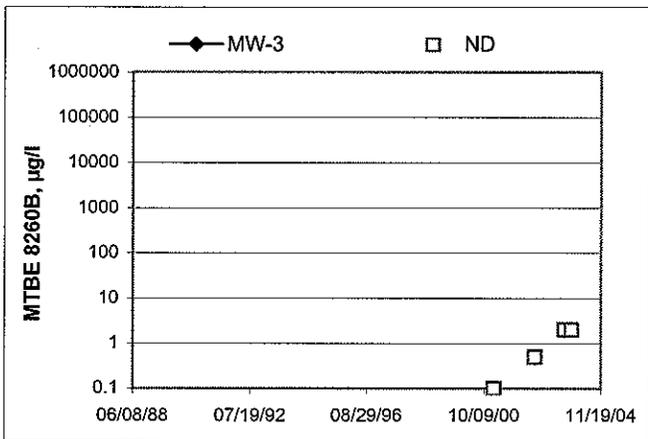
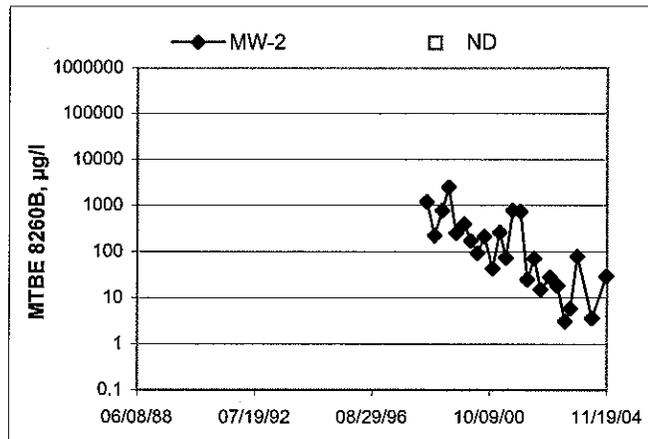
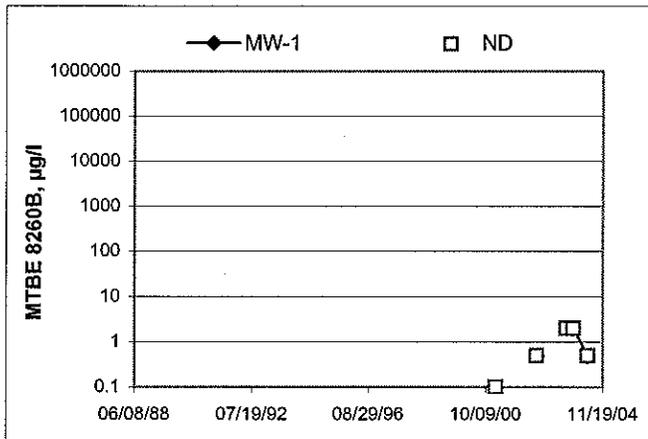
Benzene Concentrations vs Time 76 Station 5830



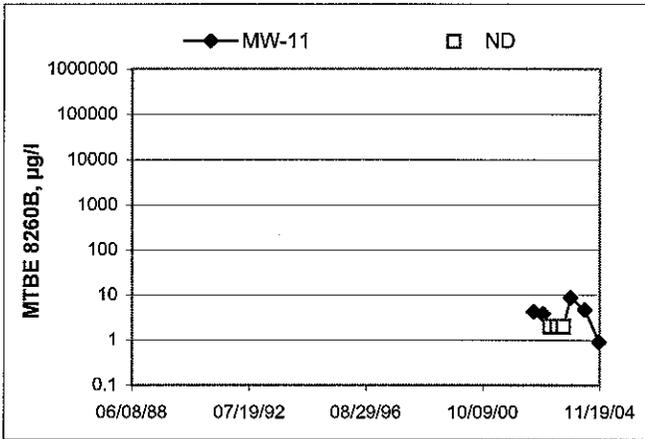
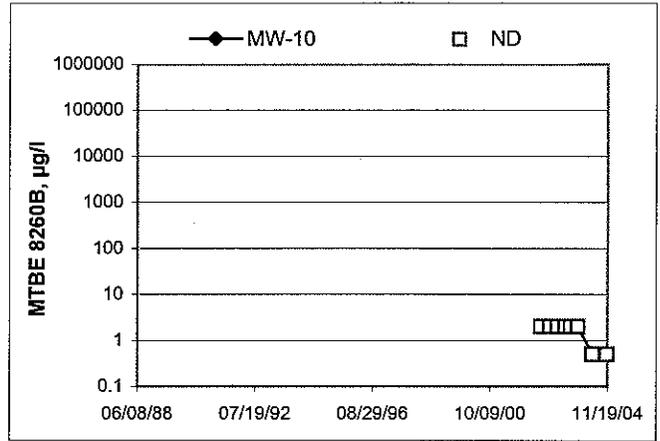
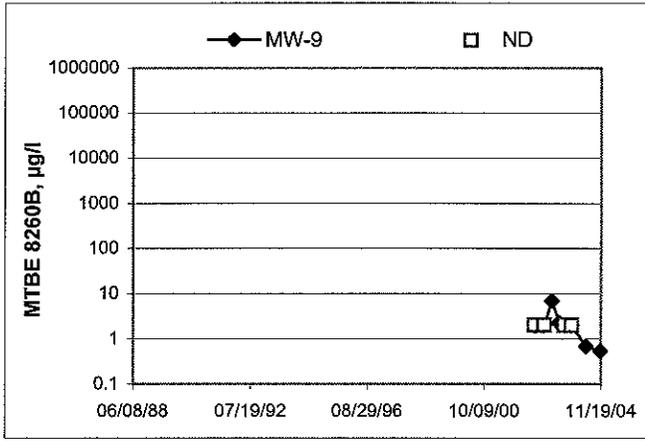
Benzene Concentrations vs Time
76 Station 5830



MTBE 8260B Concentrations vs Time
76 Station 5830



MTBE 8260B Concentrations vs Time
76 Station 5830



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging, and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

Decontamination

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

GROUNDWATER SAMPLING FIELD NOTES

Technician: Travis V.

Site: 5830

Project No.: 41050001/FA20

Date: 11-12-04

Well No.: MW-10
 Depth to Water (feet): 10.57
 Total Depth (feet): 27.43
 Water Column (feet): 16.86
 80% Recharge Depth (feet): 13.94

Purge Method: Dia
 Depth to Product (feet): Ø
 LPH & Water Recovered (gallons): Ø
 Casing Diameter (Inches): 2"
 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
8:00			3	859	16.8	6.75		
			6	715	18.8	6.85		
	8:16		9	690	19.1	6.89		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
12.04			9		8:20			
Comments:								

Well No.: MW-9
 Depth to Water (feet): 9.72
 Total Depth (feet): 26.89
 Water Column (feet): 17.17
 80% Recharge Depth (feet): 13.15

Purge Method: Dia
 Depth to Product (feet): Ø
 LPH & Water Recovered (gallons): Ø
 Casing Diameter (Inches): 2"
 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
8:31			3	719	13.0	6.42		
			6	861	18.0	6.40		
	8:42		9	833	20.4	6.38		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
9.82			9		8:45			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: MPOLL

Site: 5830

Project No.: 41050001

Date: 11/12/04

Well No.: MW-7

Purge Method: _____

Depth to Water (feet): 9.23

Depth to Product (feet): 0

Total Depth (feet): 23.45

LPH & Water Recovered (gallons): 6

Water Column (feet): 14.22

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.67

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0757			2	554	20.1	6.38		
			4	553	21.3	6.15		
	0801		6	566	21.9	6.04		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
11:00			6		0810			
Comments: _____								

Well No.: _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
Static at Time Sampled			Total Gallons Purged		Time Sampled			
Comments: _____								

GROUNDWATER SAMPLING FIELD NOTES

Technician: WJL
 Site: 5830 Project No.: 410SD121 Date: 11/12/04

Well No.: MW-2 Purge Method: 0
 Depth to Water (feet): 8.20 Depth to Product (feet): 0
 Total Depth (feet): 24.52 LPH & Water Recovered (gallons): 0
 Water Column (feet): 16.32 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 11.46 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0725			3	704	20.5	6.35		
			6	720	21.9	6.15		
	0730		9	710	22.0	6.30		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
11.40		9			0735			
Comments:								

Well No.: MW-11 Purge Method: SND
 Depth to Water (feet): 7.14 Depth to Product (feet): 0
 Total Depth (feet): 46.18 LPH & Water Recovered (gallons): 0
 Water Column (feet): 38.24 Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): 15.58 1 Well Volume (gallons): 6

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0740			6	651	19.4	6.33		
			12	645	20.1	6.45		
	0748		18	649	20.3	6.30		
Static at Time Sampled		Total Gallons Purged			Time Sampled			
13.10		18			0753			
Comments:								

TRC Alton Geoscience- Irvine

December 02, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips # 5830

Site: 2799 Yulupa Ave, Santa Rosa

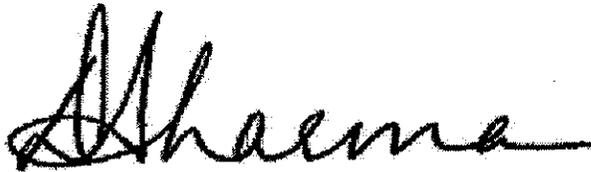
Attached is our report for your samples received on 11/15/2004 11:46
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
12/30/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-9	11/12/2004 08:45	Water	1
MW-7	11/12/2004 07:53	Water	2
MW-2	11/12/2004 07:35	Water	3
MW-11	11/12/2004 08:10	Water	4
MW-10	11/12/2004 08:20	Water	5

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

12/02/2004 15:48

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-9	Lab ID:	2004-11-0477 - 1
Sampled:	11/12/2004 08:45	Extracted:	11/26/2004 12:45
Matrix:	Water	QC Batch#:	2004/11/26-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/26/2004 12:45	
Benzene	ND	0.50	ug/L	1.00	11/26/2004 12:45	
Toluene	ND	0.50	ug/L	1.00	11/26/2004 12:45	
Ethylbenzene	ND	0.50	ug/L	1.00	11/26/2004 12:45	
Total xylenes	ND	1.0	ug/L	1.00	11/26/2004 12:45	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/26/2004 12:45	
Methyl tert-butyl ether (MTBE)	0.54	0.50	ug/L	1.00	11/26/2004 12:45	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/26/2004 12:45	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/26/2004 12:45	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/26/2004 12:45	
1,2-DCA	ND	0.50	ug/L	1.00	11/26/2004 12:45	
EDB	ND	0.50	ug/L	1.00	11/26/2004 12:45	
Ethanol	ND	50	ug/L	1.00	11/26/2004 12:45	
Surrogate(s)						
1,2-Dichloroethane-d4	111.0	73-130	%	1.00	11/26/2004 12:45	
Toluene-d8	107.4	81-114	%	1.00	11/26/2004 12:45	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-7	Lab ID:	2004-11-0477 - 2
Sampled:	11/12/2004 07:53	Extracted:	11/26/2004 13:08
Matrix:	Water	QC Batch#:	2004/11/26-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	69	50	ug/L	1.00	11/26/2004 13:08	Q6
Benzene	ND	0.50	ug/L	1.00	11/26/2004 13:08	
Toluene	ND	0.50	ug/L	1.00	11/26/2004 13:08	
Ethylbenzene	ND	0.50	ug/L	1.00	11/26/2004 13:08	
Total xylenes	ND	1.0	ug/L	1.00	11/26/2004 13:08	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/26/2004 13:08	
Methyl tert-butyl ether (MTBE)	71	0.50	ug/L	1.00	11/26/2004 13:08	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/26/2004 13:08	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/26/2004 13:08	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/26/2004 13:08	
1,2-DCA	ND	0.50	ug/L	1.00	11/26/2004 13:08	
EDB	ND	0.50	ug/L	1.00	11/26/2004 13:08	
Ethanol	ND	50	ug/L	1.00	11/26/2004 13:08	
Surrogate(s)						
1,2-Dichloroethane-d4	110.7	73-130	%	1.00	11/26/2004 13:08	
Toluene-d8	109.1	81-114	%	1.00	11/26/2004 13:08	

Gas/BTEX Fuel Oxygenates by 8260B

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21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: MW-2	Lab ID: 2004-11-0477 - 3
Sampled: 11/12/2004 07:35	Extracted: 11/26/2004 13:30
Matrix: Water	QC Batch#: 2004/11/26-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/26/2004 13:30	
Benzene	ND	0.50	ug/L	1.00	11/26/2004 13:30	
Toluene	ND	0.50	ug/L	1.00	11/26/2004 13:30	
Ethylbenzene	ND	0.50	ug/L	1.00	11/26/2004 13:30	
Total xylenes	ND	1.0	ug/L	1.00	11/26/2004 13:30	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/26/2004 13:30	
Methyl tert-butyl ether (MTBE)	29	0.50	ug/L	1.00	11/26/2004 13:30	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/26/2004 13:30	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/26/2004 13:30	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/26/2004 13:30	
1,2-DCA	ND	0.50	ug/L	1.00	11/26/2004 13:30	
EDB	ND	0.50	ug/L	1.00	11/26/2004 13:30	
Ethanol	ND	50	ug/L	1.00	11/26/2004 13:30	
Surrogate(s)						
1,2-Dichloroethane-d4	111.9	73-130	%	1.00	11/26/2004 13:30	
Toluene-d8	106.4	81-114	%	1.00	11/26/2004 13:30	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-11	Lab ID:	2004-11-0477 - 4
Sampled:	11/12/2004 08:10	Extracted:	11/26/2004 13:52
Matrix:	Water	QC Batch#:	2004/11/26-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/26/2004 13:52	
Benzene	ND	0.50	ug/L	1.00	11/26/2004 13:52	
Toluene	ND	0.50	ug/L	1.00	11/26/2004 13:52	
Ethylbenzene	ND	0.50	ug/L	1.00	11/26/2004 13:52	
Total xylenes	ND	1.0	ug/L	1.00	11/26/2004 13:52	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/26/2004 13:52	
Methyl tert-butyl ether (MTBE)	0.91	0.50	ug/L	1.00	11/26/2004 13:52	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/26/2004 13:52	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/26/2004 13:52	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/26/2004 13:52	
1,2-DCA	ND	0.50	ug/L	1.00	11/26/2004 13:52	
EDB	ND	0.50	ug/L	1.00	11/26/2004 13:52	
Ethanol	ND	50	ug/L	1.00	11/26/2004 13:52	
Surrogate(s)						
1,2-Dichloroethane-d4	112.5	73-130	%	1.00	11/26/2004 13:52	
Toluene-d8	108.2	81-114	%	1.00	11/26/2004 13:52	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-10	Lab ID:	2004-11-0477 - 5
Sampled:	11/12/2004 08:20	Extracted:	11/26/2004 14:15
Matrix:	Water	QC Batch#:	2004/11/26-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/26/2004 14:15	
Benzene	ND	0.50	ug/L	1.00	11/26/2004 14:15	
Toluene	ND	0.50	ug/L	1.00	11/26/2004 14:15	
Ethylbenzene	ND	0.50	ug/L	1.00	11/26/2004 14:15	
Total xylenes	1.1	1.0	ug/L	1.00	11/26/2004 14:15	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	11/26/2004 14:15	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	11/26/2004 14:15	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	11/26/2004 14:15	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	11/26/2004 14:15	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	11/26/2004 14:15	
1,2-DCA	ND	0.50	ug/L	1.00	11/26/2004 14:15	
EDB	ND	0.50	ug/L	1.00	11/26/2004 14:15	
Ethanol	ND	50	ug/L	1.00	11/26/2004 14:15	
Surrogate(s)						
1,2-Dichloroethane-d4	112.8	73-130	%	1.00	11/26/2004 14:15	
Toluene-d8	107.2	81-114	%	1.00	11/26/2004 14:15	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/11/26-1B.64-054

Water

Test(s): 8260FAB

QC Batch # 2004/11/26-1B.64

Date Extracted: 11/26/2004 07:25

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/26/2004	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	11/26/2004	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/26/2004	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	11/26/2004	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	11/26/2004	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	11/26/2004	
1,2-DCA	ND	0.5	ug/L	11/26/2004	
EDB	ND	0.5	ug/L	11/26/2004	
Benzene	ND	0.5	ug/L	11/26/2004	
Toluene	ND	0.5	ug/L	11/26/2004	
Ethylbenzene	ND	0.5	ug/L	11/26/2004	
Total xylenes	ND	1.0	ug/L	11/26/2004	
Ethanol	ND	50	ug/L	11/26/2004	
Surrogates(s)					
1,2-Dichloroethane-d4	112.4	73-130	%	11/26/2004	
Toluene-d8	111.6	81-114	%	11/26/2004	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20

Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike

Water

QC Batch # 2004/11/26-1B.64

LCS 2004/11/26-1B.64-002

Extracted: 11/26/2004

Analyzed: 11/26/2004 07:02

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	28.4		25	113.6			65-165	20		
Benzene	26.4		25	105.6			69-129	20		
Toluene	29.9		25	119.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	562		500	112.4			73-130			
Toluene-d8	538		500	107.6			81-114			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

12/02/2004 15:48

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5830

Received: 11/15/2004 11:46

Site: 2799 Yulupa Ave, Santa Rosa

Batch QC Report			
Prep(s): 5030B			Test(s): 8260FAB
Matrix Spike (MS / MSD)	Water	QC Batch # 2004/11/26-1B.64	
MS/MSD		Lab ID:	2004-11-0464 - 003
MS: 2004/11/26-1B.64-031	Extracted: 11/26/2004	Analyzed:	11/26/2004 10:31
		Dilution:	1.00
MSD: 2004/11/26-1B.64-053	Extracted: 11/26/2004	Analyzed:	11/26/2004 10:53
		Dilution:	1.00

Compound	Conc. ug/L		Spk.Level ug/L	Recovery %			Limits %		Flags		
	MS	MSD		Sample	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	33.6	31.2	ND	25	134.4	124.8	7.4	65-165	20		
Benzene	29.3	26.5	ND	25	117.2	106.0	10.0	69-129	20		
Toluene	34.7	31.4	ND	25	138.8	125.6	10.0	70-130	20	M4	
Surrogate(s)											
1,2-Dichloroethane-d4	595	605		500	119.0	121.0		73-130			
Toluene-d8	555	557		500	111.0	111.4		81-114			

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Legend and Notes

Result Flag

M4

MS/MSD spike recoveries were above acceptance limits.
See blank spike (LCS).

Q6

The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

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12/02/2004 15:48

STL San Francisco

Sample Receipt Checklist

Submission #: 2004- 11 - 0477

Checklist completed by: (initials) MW Date: 11, 15 /04

Courier name: STL San Francisco Client _____

Custody seals intact on shipping container/samples Yes ___ No ___ Not Present

Chain of custody present? Yes No ___

Chain of custody signed when relinquished and received? Yes No ___

Chain of custody agrees with sample labels? Yes ___ No

Samples in proper container/bottle? Yes No ___

Sample containers intact? Yes No ___

Sufficient sample volume for indicated test? Yes No ___

All samples received within holding time? Yes No ___

Container/Temp Blank temperature in compliance (4°C ± 2)? Temp. 3 °C Yes No ___

Potential reason for > 6°C - Ice melted Ice in bags Not enough ice Not enough blue ice Samples in boxes

Sampled < 4hr. ago? Ice not required (e.g. air or bulk sample) Ice Present Yes No ___

Water - VOA vials have zero headspace? No VOA vials submitted ___ Yes No ___

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? Yes No

pH adjusted- Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc -Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: MW-11 TIME ON SAMPLE 0753

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) MW Date: 11/16 /04 Client contacted: Yes No

Summary of discussion: emailed Anuja and Adeienne, of different time for MW-11 label instead of COC. Logged in per COC time.

Corrective Action (per PM/Client): _____

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.